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Lancaster Farming

APR 21 93

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Premier breeder and exhibitor of the Maryland Holstein Spring Show was the Schwartzbecks who are the first family to ever win both awards: from the left, Oren Bender presents award to Gus and Lisa Schwartzbeck family and Nona and Joe Schwartzbeck. Also shown is Arthur Rhoderick, representing the award sponsor.

Schwartzbecks First To Take Both Maryland Premier Awards

EVA MARTIN
Maryland Correspondent

TIMONIUM, Md. — The 23rd Maryland State Holstein Show was held recently in the Cow Palace at the Maryland State Fairgrounds. The turnout was great this year with a total of 226 entries. Of those, 140 were shown by junior members.

Judge Niles Wendorf of Ixonia, Wis., said he didn't have a problem choosing the grand champion, C Bermaska Starbuck Chancel, a senior 3-year-old owned by Gay Ridge and Kingstead Farms.

She's just magnificent, a real outstanding individual," said judge Wendorf. RCFH Beautician Beach-Et, also a senior 3-year-old shown by Gregg Knutsen was chosen grand champion of the junior show.

Junior champion of the junior show went to Joshua Grossnickle for his spring yearling PHH Coldspring Inspire Bar. Wind Drift Holsteins was awarded junior champion of the open show for their fall heifer calf, Wind Drift Starb Nel Dega-Et.

Chris and Budgee Hill were delighted their wedding present, a spring yearling, Windy-Knoll-

(Turn to Page A28)

McDonald's: Pure Food Campaign A Publicity Stunt

VERNON ACHENBACH JR.
Lancaster Farming Staff

OAK BROOK, Ill. — A coalition of two anti-biotechnology and anti-agriculture organizations both connected and founded by Jeremy Rifkin, a Washington D.C.-based activist, said it plans to hand out leaflets today to customers of McDonald's restaurants across North America.

The leaflets contain warnings that consumers should be concerned about "artificial hormones" in milk and meat and to call a 900-telephone number to get the names of "safe" places to eat.

However, a spokesperson for McDonald's Corporation headquarters on Thursday dismissed protest threats by Rifkin's Pure Food Campaign as a gimmick by Rifkin to sell his anti-beef book and promote himself.

Although there are a number of discrepencies in statements from the Pure Food Campaign/Beyond Beef Campaign coalition headquarters in Washington, D.C., protest organizers said it will go on and it will be as large as they say.

And, Ronnie Cummings, director of Beyond Beef Campaign, another Rifkin organization, said the protest is definitely going to happen.

Cummings was contacted Thursday because he answered the

(Turn to Page A36)

Santa Gertrudis Cattle Have Hardiness, Flavor, Leanness

ANDY ANDREWS
Lancaster Farming Staff

BARLOW (Adams Co.) — Beef producers and buyers, as Gene and Linda Moose know all too well, can become pretty set in their ways.

"It's amazing how many judges and buyers buy according to the color of hair," said Linda.

"If it's black, it brings big

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Chapel-Ridge Farm finishes and prepares about 20 head of freezer beef per year using specially fed Santa Gertrudis crossbreds and also raises purebred stock. From left to right: Sue and husband Doug White and Linda and Gene Moose. *Photo by Andy Andrews.*

Pa. Poultry Federation Holds Fund Raiser

The Pennsylvania Poultry Federation had something worth crowing about at its annual fund raising banquet held Thursday night at Hershey Convention Center.

"It appears that avian influenza (A.I.) is under control," said Lynn Henninger, chairman of the board of directors.

Henninger spoke of the brief struggle the industry had when a flare-up of the most dreaded disease in the poultry industry surfaced a few months ago.

Together the poultry industry and the government spent $87,000 to deplete the flare-up, and a jubilant Henninger reported successful eradication of A.I. and said, "The Poultry Federation is the most aggressive, united industry in Pennsylvania."

The balance from the industry's A.I. fund is $40,000.

About 1,600 persons attended the fund raiser in which proceeds are used to maintain a productive and healthy poultry industry for its members and suppliers.

Pennsylvania FFA officers Jacy Clugston and Mandy Hilbert thanked the industry for its strong support of FFA. "It's your deposit in leadership, citzenship, and service for the future," Clugston said.

Entertainment was provided by Jerry Reed, country singer and guitarist.

In the above photo, guests enjoy hors d'ouevres before the banquet. *Photo by Lou Ann Good.*

Lancaster Co. Livestock Market Auctions

Lancaster Livestock Auction

Lancaster, Pa.
Tuesday, April 13, 1993

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Auction					
	1200	107	202	1860	651
Last Monday					
	935	88	187	2422	1225
Last Year					
	1065	57	289	2932	1004

CATTLE: Slaughter steers mostly 50 higher, slaughter heifers steady; cows fully steady, instances 1.00 higher on Commercial, bullocks steady to weak; bulls steady. Supply included 60% slaughter steers, 14% slaughter heifers, 17% cows, and 9% bulls

SLAUGHTER STEERS. Choice 2-3 few 4 1075-1450 lb 78 50-80 85, few 81 00-81 50; mixed Choice and Prime 2-4 1275-1475 lb 80 85-82.25; Select and low Choice 2-3 1050-1400 lb 76 00-78.75

HOLSTEINS. Choice 2-3 1200-1500 lb 67 50-69.75; few High Choice and Prime 2-3 1300-1500 lb 69.50-73 00; Select 1-3 1200-1650 lb 63 75-66 85.

SLAUGHTER HEIFERS Choice 2-3 950-1300 lb 75 50-79.10, Select 1-3 950-1250 lb 72 25-76.00.

COWS LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 48.00-50.50 40.50-52 50 Commercial 3-4 45 00-48.50 Cutter & Boning Utility 1-2 46 50-50.50 50.50-51.50 Canner and low Cutter 40 00-42 50 42 50-46 00.

BULLOCKS: Choice 2-3 1100-1400 lb 66 50-68 50, couple 69.00-70.75, Select 1-3 1000-1350 lb 61.00-64.75.

BULLS: Yield grade 1 1300-2000 lb 62 50-67.00, few 67.00-69.00, five head 1700-1875 lb 74.00-77.25, couple 1805-2115 lb 79.85-81 00; Yield grade 2 1000-1500 lb 58 50-62 00

CALVES Vealers steady, slaughter calves steady, instances 5 00 higher Demand good for Holstein bulls to return to farm

VEALERS Choice 180-300 lb 95 00-105 00, high Good and low Choice 200 350 lb 75 00-100 00, 80-110 lb 50 00-65 00, few Standard and low Good 60-85 lb 40.00-50.00.

SLAUGHTER CALVES: Choice 300-500 lb 75.00-90.00, few 90 00-95 00; Good 275-550 lb 60.00-75.00.

RETURNED TO FARM. Few 90-120 lb Holstein bulls 140.00-175 00, small frame 85-115 lb 110.00-140.00.

HOGS: Barrows and gilts not fully tested, few sales weak to 50 lower; small supply sows 1.00-2.00 lower

BARROWS AND GILTS US 1-3 230-240 lb 42.25-42.50. US 2-3 245-265 lb 38 00-39.50.

SOWS: US 1-3 300-600 lb 35.00-38 00, Couple 500-600 lb 38.00-38.75.

BOARS: All Weights 32.50-35.00.

SHEEP: New crop lambs 10.00-15 00 higher; wooled lambs firm to 5.00 higher; slaughter ewes steady to weak. Supply included 50% new crop lambs, 25% wooled lambs, with the balance slaughter ewes

NEW CROP LAMBS: Choice 20-40 lb 130.00-150.00, 40-60 lb. 125.00-175.00, 60-80 lb 90.00-115.00, 80-110 lb 80 00-100 00; Good to low Choice 20-60 lb 100 00-120.00, few 20-40 lb 120 00-130 00, 60-80 lb 80.00-90 00, 80-105 lb 75.00-80.00, few low Good 20-60 lb 75.00-100.00.

WOOLED LAMBS: Choice 2-3 40-70 lb 70.00-75.00, 70-110 lb 60.00-75.00, Good to low Choice 1-3 0-70 lb 60 00-70 00, 70-105 lb 50.00-60.00

SLAUGHTER EWES: Utility and Good 15 00-30.00; Yearlings and two-year olds 30 00-40 00.

GOATS: All goats sold by the head. Large Billies 75.00-100.00, few 100.00-120.00. Large Nannies 50 00-75.00; Thin 35.00-50.00. Medium 40 00-50.00, few 50.00-60.00; Thin 30 00-40 00. Fleshy kids 50 00-80 00, bulk 30 00-50.00, few Thin 20 00-30 00

Vintage Livestock Auction

PARADISE, PA
April 13, 1993

	Cattle	Calves	Sheep	Goats
TODAY	775	760	14	1
LAST TUESDAY	761	797	61	2
LAST YEAR	804	733	169	18

CATTLE..USDA... Supply included 36% slaughter steers and 54% cows ... Compared with Monday's market: sl. steers .50 higher, instances 1.00 higher; small supply sl. heifers steady; cows steady, instances .50 lower; bulls and bullocks scarce. SL STEERS: Choice 2-3 few 4 1075/1450 lbs. 79.00-81.50, few Mixed Choice and Prime 2-3 1100/1450 lbs. 81.50-83.50, few Choice 2-3 900/1050 lbs. 76.00-80.00, Choice 3-4 1200/1525 lbs. 76.00-78.

75, Select and Low Choice 2-3 1050/1425 lbs. 75.00-79.00, few 79.00-80.00, small supply Select 2-3 1050/1350 lbs. 73.00 78.00. HOLSTEINS: few High Choice and Prime 2-3 1240/1500 lbs. 70.75-73.50, Choice 2-3 1270/1500 lbs. 67.00-69.50. HEIFERS: Choice 2-3 950/1150 lbs. 76.75-79.25, Select 2-3 940/1150 lbs. 73.75-74.50. COWS: Breaking Utility and Commercial 2-3 bulk 48.50-51.50, Commercial 3-4 bulk 46.00-48.50, Cutter and Boning Utility 1-2 bulk 46.25-49.50, high dressing 49.50-52.00, Canner and Low Cutter low dressing 40.00-42.50, bulk 42.50-45.00. BULLS: Yield Grade No. 2 1400/1965 lbs. 57.50-60.00, one Yield Grade No. 1 1745 lbs. 64.25.

CALVES...Supply sold mainly to return to farm with only 60 sold for slaughter. Supply included 638 in graded sale. VEALERS: few Choice 255/285 lbs. 85.00-107.00, High Good and Low Choice 190/390 lbs. 60.00-80.00, few 80/110 lbs. 40.00-50 00, Standard and Low Good 60/75 lbs. 20.00-35.00. RETURNED TO FARM: 35 head Holstein bulls 120/125 lbs. 132.00-135.00, 85 head 100/115 lbs. 147.00-155.00, 125 head 95/105 lbs. 160.00-162.00, 25 head 90 lbs. 151.00, and 12 head 85 lbs. 135.00, 125 head small frame 90/115 lbs. 110.00-132.00, and 20 head 80/85 lbs. 82.00. 15 head Holstein heifers 110/115 lbs. 207.00, 65 head 80/105 lbs. 212.00-232.00, 30 head small frame 80/105 lbs. 185.00-205.00 and 70/75 lbs. 100.00.

SHEEP...Couple Choice 40/55 lbs. Spring sl. lambs 125.00-135.00, couple 20/25 lbs. 150.00-170.00, Good 35/60 lbs. 55.00-70.00.

GOATS...No market test.

Lancaster Livestock Auction

Wednesday's market report has been discontinued until further notice because of insubstantial receipts.

Friend's Stockyard Inc.

Accident, Md. 21520
April 12, 1993

STOCK BULLS AND STEERS (200-500 LBS.) 70.00-104.00.

STOCK HEIFERS 55.00-84.00.

SLAUGHTER STEERS GOOD TO CHOICE 77.50-82.00; MEDIUM TO GOOD 71.00-76.50; HEAVY CHOICE OVER 1450 LBS. 72.00-76.00.

HOLSTEIN STEERS HEAVY 64.00-70.00; LIGHT 56.00-63.50.

SLAUGHTER HEIFERS GOOD TO CHOICE 76.00-81.00; MEDIUM TO GOOD 65.00-74.00.

BULLS HEAVY 55.00-68.00; LIGHT 50.00-61.50.

COWS FEW HIGH DRESSING 50.00-55.00; UTILITY HOLSTEIN 45 00-49.00, CANNERS 41.00-47.00, COMMERCIAL TO GOOD 41.00-46.00, CULL COWS 40.00 AND DOWN.

VEALS GOOD TO CHOICE 72.00-98.00, MEDIUM TO GOOD 50.00-70.00.

BOB CALVES 40.00 AND DOWN

HOLSTEIN BULL CALVES, RETURN TO FARM (90-120 LBS.) 120.00-153.00.

HOLSTEIN HEIFER CALVES, RETURN TO FARM (100-120 LBS) 110.00-185.00.

BEEF X CALVES, RETURN TO FARM, UP TO 190.00.

HOGS TOP QUALITY 43.50-44.25, HEAVY 43 00-43 80, LIGHT 37 00-42 00.

SOWS 35.00-41.00.

MALE HOGS 27 00-35 00

LAMBS. 73.00-82.00

SHEEP: 15.00-22.00.

LIVESTOCK PRICES ARE ALL GIVEN PER HUNDREDWEIGHT!

New Holland Livestock

LANCASTER, PA
APRIL 15, 1993

NEW HOLLAND LIVESTOCK AUCTION FOR THURSDAY APRIL 15, 1993.

	Cattle	Calves	Sheep	Goats
TODAY	1561	488	541	209
LAST THURSDAY	890	454	838	357
LAST YEAR	839	536	668	276

CATTLE: Slaughter steers 50-1.00 lower; slaughter heifers steady; cows steady; bullocks not tested; bulls mostly steady. Supply included 56% slaughter steers and 32% cows.

SLAUGHTER STEERS: Choice 2-3 few 4 1150-1465 lb 78.35-80.35, few 80.35- 80.75; mixed Choice and Prime 2-4 1150-1425 lb 80.50-81.10, one lot 1350 lb 81.75; Choice 2-3 1050-1150 lb 76.00-79.50; few Choice mostly 3 1500-1600 lb 76.50-79.50; Choice 3-4 1150-1550 lb 74.75-78.00; Select and low Choice 2-3 1100-1450 lb 73.75-78.00.

HOLSTEINS: High Choice and Prime 2-3 1225-1625 lb 71.00-73.75; Choice 2-3 1135-1615 lb 67.50-71.00.

SLAUGHTER HEIFERS: Few Choice 2-3 1000-1325 lb 76.00-78.75.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility & Commercial 2-3 49.00-51.00 51.00-53.00. Commercial 3-4 45.50-47.50. Cutter & Boning Utility 1-2 45.00-46.50 46.50-50.50 50.50-52.25. Canner and low Cutter 40.00-43.00 43.00-46.00.

BULLS: Yield grade 1 1350-2185 lb 62.00-67.00; Yield grade 2 1050-1550 lb 56.00-61.00.

CALVES: Vealers not fully tested, only 6 head over 150 lb sold for slaughter and a few 60-110 lb high Good and low Choice. Demand good for Holstein bulls and heifers to return to farm.

VEALERS: Couple Choice 240-305 lb 86.00-93.00 and couple high Good and low Choice 300-390 lb 56.00-79.00, 80-110 lb 40.00-50.00; Standard and low Good 55-80 lb 35.00-42.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein Bulls 130.00-152.00, few 152.00- 160.00; small frame 95-120 lb 100.00-130.00, 70-85 lb 85.00-110.00; few 90- 120 lb Holstein Heifers 150.00-180.00, couple 185.00-207.00; few 220-430 lb Beef Breed steers, Heifers, and bulls 78.00-89.00, couple 145-210 lb 97.00-115.00.

SHEEP: Slaughter lambs weak to 5.00 lower; slaughter ewes steady to weak. Supply included 10% wooled lambs, 70% New Crop Lambs, with the balance slaughter ewes.

NEW CROP LAMBS: Choice 30-60 lb 100.00-125.00, few 40-55 lb 125.00-148.00; Choice 65-100 lb 70.00-83.00; Good to low Choice 30-85 lb 55.00-85.00.

WOOLED LAMBS: Choice 2-3 60-100 lb 55.00-70.00; few Good to low Choice 1-3 60-85 lb 48.00-60.00.

SLAUGHTER EWES: Utility and Good 18.00-28.00; Yearlings and two-year olds 25.00-44.00.

GOATS: All goats sold by the head. Large 65.00-98.00, four head 120.00-139.00; Medium 35.00-65.00; Large Fleshy Kids 60.00-80.00, couple 80.00-90.00; bulk of the Kids 30.00-45.00, few Thin 22.00-30.00.

Lancaster County Weekly

LANCASTER, PA
APRIL 16, 1993

	Cattle	Calves
THIS WEEK	3700	1360
LAST WEEK	2617	1339
LAST YEAR	2845	1326

CATTLE: Slaughter steers steady to weak, after being 50-1.00 higher early part of week; slaughter heifers steady; cows steady, instances 1.00 higher; bullocks steady to weak; bulls steady. Supply included 50% slaughter steers, 7% slaughter heifers, 30% cows, 5% bulls, with the balance feeders.

SLAUGHTER STEERS: Choice 2-3 few 4 1100-1485 lb 78.35-80.35, few 80.50- 81.50; mixed Choice and Prime 2-4 1150-1450 lb 80.50-82.25; few Choice 2 1100-130 lb 82.50-83.50; Choice 2-3 900-1050 lb 76.00-79.50; Choice 3-4 1150- 1550 lb 74.75-78.50; Select and low Choice 2-3 1050-1425 lb 73.75-78.00.

HOLSTEINS: High Choice and Prime 2-3 1225-1625 lb 70.00-73.75; Choice 2-3 1125-1625 lb 67.50-71.00; few Select 1-3 1200-1650 lb 63.75-67.00.

SLAUGHTER HEIFERS: Choice 2-3 950-1300 lb 75.50-79.25; Select 2-3 950-1250 lb 72.25-76.00.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility & Commercial 2-3 48.00-51.00 51.00-53.00 Commercial 3-4 45.00-48.50 Cutter & Boning Utility 1-2 45.00-46.50 46.50-50.50 50.50-52.25 Canner and low Cutter 40.00-42.50 42.50-46.00

BULLOCKS: Choice 2-3 1100-1400 lb 66.50-68.50, couple 69.00-70.75; Select 1-3 1000-1350 lb 61.00-64.75

BULLS: Yield grade 1 1300-2185 lb 62.00-67.00, few 67.00-69.00, with five head 1700-1875 lb 74.00-77.25; Yield grade 2 1000-1550 lb 56.00-62.00.CIHxCALVES. Small supply vealers steady; slaughter calves steady, instances 5.00 higher. Demand good for Holstein bulls and heifers to return to farm

VEALERS: Few Choice 180-310 lb 86.00-107.00; high Good and low Choice 200- 350 lb 75.00-85.00, 80-110 lb 40.00-55.00; Standard and low Good 60-75 lb 20.00-42.00.

SLAUGHTER CALVES: Choice 300-500 lb 75.00-90 00, few 90.00-95.00, Good 275- 550 lb 60.00-75.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 130.00-162.00; small frame 90-115 lb 100.00-132.00, 70-85 lb 85.00-110.00; few 80-110 lb Holstein heifers 205.00-232.00, few small frame 80-105 lb 130.00-180.00, with few 70- 75 lb 100.00.

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MONDAY
9:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. - Goats, Veal Calves, Lambs
12:00 Noon - Slaughter Hogs
WEDNESDAY
8:00 A.M. - Slaughter Hogs
10:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. - Veal Calves, Lambs
11:00 A.M. - Steers, Bulls, Cows, Heifers
FRIDAY
11:00 A.M. - Stocker and Feeder Cattle
SATURDAY
8:00 A.M. - Slaughter Hogs
Next Feeder Cattle Sale
Friday, April 23 - 11:00 A.M.
LANCASTER STOCKYARDS, INC.
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VINTAGE SALES STABLES, INC.
SALE TUESDAYS
10:30 A.M.
SLAUGHTER CATTLE AUCTION — STEERS, BULLS, HEIFERS, COWS, FEEDER CATTLE
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CALVES, SHEEP, GOATS
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Hog Markets

State Graded Feeder Pig Sale

Carlisle Livestock Market, Inc.
Friday, April 8, 1993

RESULTS ON 1060 PIGS.

TREND: STRONG DEMAND! PIGS WERE MOSTLY STEADY. ALL PIGS WERE WEIGHED ON ARRIVAL AND SOLD BY THE HUNDRED WEIGHT.

US #1&2: 840 HEAD. 236 HEAD 41-49 LBS 112.00-125.50; 351 HEAD 50-59 LBS. 102.00-120.00; 253 HEAD 60-80 LBS 92.00-110.00.

US#2'S: 135 HEAD. 83 HEAD 36-49 LBS 101.00-113.00; 52 HEAD 56-79 LBS. 85 00-92.00.

US#2'S&3'S: 57 HEAD. 8 HEAD 34 LBS 85.00; 12 HEAD 48-51 LBS. WITH TAILS 69.50-70.00; 26 HEAD 44-49 LBS. 95 00-110.00; 11 HEAD 65 LBS. 65.00.

AS IS AND UTILITIES: 17 HEAD 41-70 LBS. 29.00-31.00.

UTILITIES: 9 HEAD 41-66 LBS. 20 00-22 00.

NEXT STATE GRADED FEEDER PIG SALE FRIDAY, APRIL 23. SALE TIME 1 30 P.M GRADING 7:30-11 A.M.

New Holland Feeder Pigs

New Holland, PA
Wed., April 14, 1993
Report Supplied by Auction

TODAY: 826 HEAD
LAST WEDNESDAY: 1027 HEAD
LAST YEAR: 967 HEAD

TREND: COMPARED TO LAST WEDNESDAY'S FEEDER PIGS 3 00-10.00. ALL PIGS WEIGHED ON ARRIVAL AND SOLD BY THE HUNDRED WEIGHT.

US1-2: 24 HEAD 33 LBS. 96.00; 54 HEAD 42-44 LBS. 87.00-88.00; 39 HEAD 47-49 LBS 78 00-80.00; 321 HEAD 50-59 LBS 75.00-88.00.

US2: 90 HEAD 32-39 LBS. 76 00-89.00; 74 HEAD 41-43 LBS. 80 00-83.00; 24 HEAD 46 LBS. 76.00; 25 HEAD 84 LBS. 68.00.

US2-3: 8 HEAD 48 LBS. 65.00; 18 HEAD 54-65 LBS. 60.00.

SLAUGHTER: 14 HEAD 23 LBS. 136 00; 52 HEAD 23-28 LBS. 88 00-112 00.

St. Louis Cattle, Hogs

THURSDAY, APRIL 15, 1993

CATTLE & CALVES: 400 (0 SLTR, 400 FDRS)

RECEIPTS CONSISTS OF FEEDER CATTLE AND SLAUGHTER COWS AND BULLS FOR THE REGULAR THURSDAY AUCTION.

SLAUGHTER CLASSES: COWS: CUTT, UTIL, COMM BULK SALES HI-DRESS % LO-DRESS % BREAKING 2-4 BONING 1-2 LOW TO AVG. CUTTER

RECEIPTS THIS WEEK 1,000: WEEK AGO 1,000: YEAR AGO 1,200 COMPARED WITH LAST WEEK'S TERMINAL MARKET CLOSE, SLAUGHTER STEERS AND HEIFERS 1.00-1.50 HIGHER EXCEPT SOLSTEIN STEERS STEADY. COWS 2.00-3.00 HIGHER. BULLS FIRM TO 1.00 HIGHER. SLAUGHTER SUPPLY MAINLY CHOICE AND MIXED SELECT AND CHOICE STEERS AND HEIFERS, MODERATE SUPPLY HOLSTEIN STEERS, AROUND 15% COWS.

New Holland Hog Auction

Lancaster, Pa.
Monday, April 12, 1993

Hog Receipts:

Today	1460
Last Monday	1140
Last Year	1065

TREND: Compared to last Monday barrows and gilts 1.00-1.50 lower, instances 2.00 lower.

BARROWS AND GILTS: US 1-2 215-245 lb 43.00-44.00, Couple lots eary 44.10-44.25.

US 1-3 210-255 lb 41.00-42.50.

US 2-3 250-285 lb 38.50-39.50, One lot 300 lb 36.35.

Indiana Hogs

LOUISVILLE, KENTUCKY
THURSDAY APRIL 15, 1993

INDIANA DIRECT HOGS FLASH

BARROWS AND GILTS: .50 HIGHER. DEMAND MODERATE.

COUNTRY: PLANTS: US 1-2 230-260 LBS. 45.00-46.00, 45.25-46.50 FEW 46.50. US 1-3 230-260 LBS. 43.00-45.00 *210-230 LBS. 40.50-43.50

SOWS: STEADY TO 1.50 LOWER. US 1-3 300-500 LBS. 33.00-36.00, FEW DOWN TO 31.00. 500-650 LBS. 36.00-41.00, FEW 42.00. PRELIMINARY ESTIMATE: 24,000.

*RECEIPTS HAVE CHANGED DUE TO CHANGE IN REPORTING BASE.

Keister's Middleburg Auction

MIDDLEBURG, PA
April 13, 1993

CATTLE 444... PDA . Compared to last Tuesday's market: Sl. steers uneven, mostly steady to .50 higher; Cows 1.50 to 2.00 higher. STEERS: Choice 1050/1550 lbs. 76.50-82.25, few 82.50-83.25, few Select 72.00-78.00. HOLSTEINS: Choice 68.85-73.75, one at 75.00, Select 65.00-68.00. HEIFERS: Choice 74.25-79.50, few Select 69.25-71.00, few Choice Holsteins 67.00-75.00, few Select Holsteins 60.00-68.00. COWS: Breaking Utility and Commercial 48.25-53.00, few to 55.75, Cutter & Bon. Utility 48.00-52.75, couple to 54.25 & 56.75, Canner and Low Cutter 42.50-47.75. Shells down to 40.00. BULLOCKS: few Choice 70.00-77.00, few Select 63.50-68.00. BULLS: few Yield Grade No. 1 970/1885 lbs. 52.75-55.50. FEEDER CATTLE: few Medium Frame No. 1 450/650 lbs. bulls 73.00-82.00, Large No. 2 300/565 lbs. 65.00-75.00, few Medium No. 1 350/500 lbs. heifers 66.00-74.00, few Large Frame No. 2 580/700 lbs. bulls 49.00-59.00.

CALVES 231... VEALERS: one Choice 99.00, few Utility 60/85 lbs. 26.00-41.00. RETURNED TO FARM: Holstein bulls No. 1 90/130 lbs. 140.00-165.00, few down to 50.00, No. 2 80/130 lbs. 65.00-135.00. Holstein heifers No. 1 80/120 lbs. 155.00-207.50, few down to 100.00. Beef cross 75/100 lbs. bulls and heifers 90.00-160.00.

HOGS 490...Barrows and gilts mostly 2.00 lower. BARROWS AND GILTS: US No. 1 225/250 lbs. 44.00-45.00, No. 1-2 220/250 lbs. 41.00-43.75, 1-3 210/290 lbs. 40.00-41.00, few 2-3 300/350 lbs. 35.00-38.00. SOWS: 1-3 350/645 lbs. 38.00-41.50, 2-3 350/595 lbs. 33.00-38.00. BOARS: 30.00-33.50.

FEEDER PIGS 103...US 1-3 35/60 lbs. 36.00-49.00, few lots Utility 25/40 lbs. 25.00-32.00. - all per head.

SHEEP 99...Choice 15/45 lbs. Spring sl. lambs 120.00-162.50. Slaughter sheep: 12.00-20.00.

GOATS 19...few Large 50.00-97.50, Small and Medium Kids 34.00-61.00.---- all per head.

Hay & Grain Markets

Kirkwood Hay Auction

Kirkwood, Pa.
Tuesday, April 6, 1993
Report Supplied by Auction

102 LOADS OF HAY.

MIXED HAY: 1ST CUTTING 70.00-101.00, 2ND CUTTING 75.00-101.00.

TIMOTHY: 70.00-122.00.

ALFALFA: 1ST CUTTING 48.00-130.00; 2ND CUTTING 62.00-124.00; 3RD CUTTING 85.00-120.00; 4TH CUTTING 146.00.

CLOVER: 1ST CUTTING 86.00-102.00; 2ND CUTTING 81.00-84.00.

ALFALFA NEW SEEDING: 45.00-103.00.

GRASS: 46.00-132.00.

WHEAT STRAW: 60.00-76.00

BARLEY STRAW: 79.00-83.00.

OAT STRAW: 60.00-74.00.

OATS: 2.70 BU.

EAR CORN: 66.00-71.00.

SALE TIME 11 A.M.

North Jersey Market

Hackettstown, N.J.
Tuesday, April 13, 1993
Hay—Straw & Grain Report

ALFALFA HAY: 14 LOTS, .85-3.30 BALE.

MIXED HAY: 14 LOTS, 1.00-3.20 BALE.

CLOVER HAY: 1 LOT, 1.40 BALE.

GRASS HAY: 11 LOTS, .85-2.50 BALE.

WHEAT STRAW: 1 LOT, 1.00 BALE.

OAT STRAW: 1 LOT AT 1.20 BALE.

SHELLED CORN: 1 LOT AT 4.50 BAG.

GROUND CORN: 1 BAG AT 4 25.

OATS: 4 LOTS, 4 50-5.00.

48 LOTS TOTAL

Westminster Hay

Westminster, Md.
Tuesday, April 13, 1993
Report Supplied by Auction

ALFALFA: 60.00-90.00, 1.10-3.50 BALE, 13.00-16.00 LARGE ROUND.

TIMOTHY: 50.00-89.00, 1.30-2.40 BALE, 7 00-13.00 LARGE ROUND BALES.

MIXED HAY: 42.00-132.00, 1.20-2.10 BALE.

GRASS: 1.10-2.75 BALE, 19.00 LARGE ROUND BALES.

CLOVER: 1.80 BALE.

STRAW: 62.50, .60-1.50 BALE.

MULCH: .50-.70 BALE.

Regional Hay

April 12, 1993
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER. PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY AND STRAW STEADY TO 10.00 LOWER

ALFALFA 75.00-120.00; MIXED HAY 55.00-110.00; TIMOTHY HAY 55.00-105.00; STRAW 40.00-85 00, MULCH 20.00-40.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 04/09/93. PRICES PER TON: LOADS: 371 HAY, 110 STRAW, & 14 EAR CORN.

ALFALFA 74.00-140.00; MIXED HAY 67.00-145.00; TIMOTHY HAY 89.00-155.00; STRAW 48.00-90.00; EAR CORN 65.00-86.00.

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 04/09/93. PRICES PER TON: LOADS 313 HAY, 67 STRAW & 19 EAR CORN

ALFALFA 70.00-125.00; MIXED HAY 60.00-115.00; TIMOTHY HAY 64 00-120.00, STRAW 45 00-77.50; EAR CORN 50 00-76 00.

Leinbach's Hay

Shippensburg, PA
April 10 and 13
Report Supplied by Auction

82 LOADS.

ALFALFA· FAIR 65.00-92.00, GOOD 100.00-135.00.

MIXED HAY: 59.00-110.00.

TIMOTHY: 58.00-95.00.

BROME GRASS: 68.00-91.00

CLOVER: 67.00.

ORCHARD GRASS: 62 00-85 00.

STRAW: 36.00-67.00

EAR CORN: 55.00-70.00

OATS: 1.70 BU.

MULCH 32.00-55.00.

WOOD· 27 00-40 00

Vintage Hay

Paradise, PA
Thurs., April 15, 1993
Report Supplied by Auction

31 LOADS.

ALFALFA: 67.00-141.00.

MIXED HAY: 77.00-107.00.

TIMOTHY: 127.00.

ORCHARD GRASS: 52.00-99.00.

STRAW: 67.00-68.00.

CORN FODDER: 42.00.

SALE TIME 1 P M.

Dewart Hay

Dewart, PA.
Monday, April 12, 1993
Report Supplied by Auction

31 LOADS OF HAY, 55.00-101.00.

STRAW: 8 LOADS, 39.00-59.00.

WOOD: 5 LOADS, 21 00-52.00.

CORN: 5 LOADS, 45.00-73.00

OATS· 4 LOADS, 1.45-2.00 BU.

Diffenbach Auction Center

New Holland, Pa.
Monday, April 12, 1993
Report Supplied by Auction

TOTAL LOADS: 131.

ALFALFA: 55.00-195.00.

MIXED HAY: 60.00-200.00.

TIMOTHY: 65.00-152.00.

ORCHARD GRASS: 75.00-135.00.

STRAW: 57.00-130.00.

EAR CORN: 72 00-80.00.

OATS: 1.95-2.75 BU.

HAYLAGE: 55.00.

This sale was formerly held at the New Holland Sales Stables. It is now held at Diffenbach's New Holland Auction Center Ltd., 100 W. Jackson St., New Holland, across from the prior sale location. Auction time is 10:00 a.m. Monday.

Frederick Co. Hay

Buckeystown, Md.
Thursday, April 15, 1993
Report Supplied by Auction

33 LOADS. DEMAND WAS GOOD FOR GOOD HAY.

ALFALFA: FAIR TO GOOD 100.00-137.00, FAIR 60.00-90.00.

MIXED HAY: 2ND CUTTING 152.00.

TIMOTHY HAY: FAIR TO GOOD 97.00-137.00, FAIR 40.00-70.00, 1 AT 2.10 BALE.

MIXED HAY: FAIR TO GOOD 100.00-115.00, FAIR 40.00-80.00, 1 LOAD ROUND BALES 10.00 EACH.

STRAW: 55.00-95.00

Greencastle Livestock Market

Hay & Straw
April 8 and 12, 1993

61 LOADS

ALFALFA: GOOD 100 00-136.00, FAIR 85.00-97 50.

ALFALFA MIXED: 90 00-120 00

TIMOTHY HAY: 72 50-89.00

MIXED HAY: 70.00-100 00

ORCHARD GRASS: 77.00-90.00

BROME GRASS: 72 00-87 00

WHEAT STRAW: 59 00-74.00.

BARLEY STRAW. 69 00

Keister's Hay

Middleburg, PA
April 13, 1993
Report supplied by auction

104 LOADS TOTAL 67 LOADS OF HAY

ALFALFA· 65.00-115 00.

MIXED HAY· 50 00-120.00

MULCH HAY: 40.00

STRAW. 14 LOADS, 40 00-85 00

EAR CORN 5 LOADS, 55 00 65 00

OATS: 14 LOADS, 1 80-2 90 BU

WOOD· 30 00-50 00 LOAD

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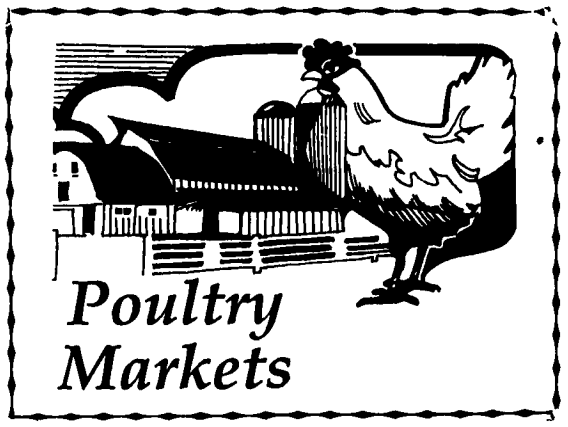

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New England Shell Eggs

EDISON, NJ.
APRIL 14, 1993

SHELL EGGS IN NEW ENGLAND, APRIL 14, 1993. FEDERAL-STATE NEW ENGLAND:

Prices paid to producers were lower for large, balance unchanged. Trade sentiment was generally cautiously steady. Demand was fair to good. Supplies were adequate to fully adequate for brown eggs, and adequate for white eggs.

PRICES PAID TO PRODUCERS, CASES EXCHANGED, GRADE YIELD BASIS, BROWN EGGS LOOSE, AT FARM, CENTS PER DOZEN.

RANGE JUMBO 74-77 EXTRA LARGE 73-76 LARGE 71-74 MEDIUM 52-55 SMALL 30-33

BOSTON: PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, BROWN EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN. RANGE EXTRA LARGE 92-94 LARGE 91-93 MEDIUM 71-73

Heisney's Poultry

EDISON, NJ.
PRIL 15, 1993

EAST PETERSBURG POULTRY AUCTION SALE OF APRIL 13, 1993 PRICES PAID DOCK WEIGHTS, CENTS PER POUND, EXCEPT WHERE NOTED

RANGE

Muscovy Ducks - Drakes 1.38 - 1.52 Muscovy Ducks - Hens 1.40 - 1.54 Red Fowl 4-4.5 .58 - .72 Crossbred Fowl 5-9 .40 - .68 Crossbred Roosters 4-7 .60 - .94 Guinea Fowl 1.75 - 1.90 Banty Roosters 4.00 - 6.10 ea. Banty Hens 3.25 - 4.52 ea. Leghorn Hens .18 - .24 Silkies 2.00 - 4.10 ea. Pigeons 2.25 - 3.25 ea. White Pigeons 4.30 - 4.40 ea. Rabbits 4-6 .60 - . 98 Rabbits 7-11 .40 - .74 Bunnies 1.00 - 3.50 ea. Guinea Pigs .50 - 2.25 ea. Goats 32.00 - 55.00 ea. Kid Goats 23.00 - 44.00 ea.

Total Coops Sold 432

New England Chicken Parts

EDISON, NJ.
APRIL 14, 1993

NORTHEAST BROILER/FRYER PARTS - PART I FEDERAL-STATE

Trucklot buying interest was fairly light today as the trade awaits further market developments. Supplies of boneless skinless breasts were adequate for immediate needs. Most trading was reported at unchanged prices. Line run breasts were at least adequate for the light demand. Extra product that was available early this morning was slow to clear. Leg quarters were irregularly distributed but overall supplies were at least adequate and buyers were becoming cautious for late week needs. Wings continued to be in close balance with an active demand.

PRICES PAID PER POUND, ICE PACKED AND CO2 PACKED BROILER/FRYERS PARTS, DELIVERED TO FIRST RECEIVERS IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES

ITEM CURRENT NEGOTIATED TRADING

BREAST - BONELESS SKINLESS 200-205 (WITH AND WITHOUT TENDERS) BREAST - WITH RIBS 100-101 BREAST - LINE RUN 100 LEGS 31-32 LEG QUARTERS 21-22 THIGHS 28-29 DRUMSTICKS 28-29 WINGS 41-42 BACKS AND NECKS (STRIPPED) 10-12 LIVERS (5 POUND TUBS) 25-30 GIZZARDS (HEARTS) 35-40

INCLUDES NEW YORK CITY METROPOLITAN AREA, NORTHERN NEW JERSEY, MASSACHUSETTS, CONNECTICUT, RHODE ISLAND AND PENNSYLVANIA (NORTHEAST OF HARRISBURG). * TODAY'S NEGOTIATED SALES AS OF 11:30 A.M. ** WEIGHTED AVERAGE PRICE OF ALL GRADES AND BRANDS OF PRODUCT SHIPPED, OR TO BE SHIPPED AS OF 1:30 P.M. DAY OF REPORT.

N.E. Weekly Shell Egg Report

April 13
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
MAINE	1.06	1.05	.85	.63
N. HAMP.	.99-1.03	.98-1.02	.78-.82	.56-.60
MOSTLY	1.01-1.02	1.00-1.01	.80-.81	.58-.59
RHODE ISLAND	1.02-1.06	1.01-1.05	.81-.85	.59-.63
MOSTLY	1.02	1.01	.81	.59
VERMONT	1.09-1.10	1.05-1.08	.88-.89	
MOSTLY	1.09	1.08	.88	

Delmarva Broiler

EDISON, NJ
APRIL 14, 1993

DELMARVA BROILER/FRYER MARKET. FEDERAL-STATE Movement of ready-to-cook whole birds was good, especially 2.5 and 3 pound sizes which were in limited supply. Over 3 pound sizes were adequate. Live supplies were moderate; weights varied and were mostly desirable to heavy. Processing schedules were reduced compared to yesterday, but remained very heavy. Less than trucklot asking prices were 1 to 2 cents higher at 52 to 64 cents. Trade sentiment was firm to higher. In the part complex, sellers noted wings, bone-in breasts and in instances boneless skinless breasts as tight and confidently held. Leg items ranged adequate to fully adequate.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL AVG. WEIGHT ACTUAL AVG. WEIGHT
04/14 04/12 04/12 04/07 04/05
2,235 1,472 4.77 2,298 4.
76

*BROILER/FRYER CURRENT NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA

BRANDED U.S. GRADE A RANGE 49-67 WEIGHTED AVERAGE 53.45 NO. OF BOXES 9,090

*6 of 9 plants reporting.

National Egg Market

EDISON
APRIL 14, 1993

NATIONAL EGG MARKET - AT A GLANCE:

Prices were unchanged to lower for the large sizes in the Northeast, unchanged elsewhere. The market tone was about steady to weak, mostly cautiously steady to barely steady. Demand was mixed, and fair to good. Supplies of the large sizes were generally at least adequate, and lighter sizes were adequate to instances tight. Breaking stock prices were unchanged to higher with some Central States buyers more aggressively seeking shell eggs, and the undertone was at least steady. Supplies of light-type hens were at least adequate, and the trade sentiment was barely steady to steady.

Weekly New York Egg Market Northeast Quotes

From Mon., April 9 to Thurs., April 15

		FRI.	MON.	TUES.	WED.	THURS.
WHITE						
JUMBO	C	.82	82	82	82	
EX LARGE	L	.82	82	82	82	
LARGE	O	82	82	81	80	
MEDIUM	S	.68	68	.68	69	
PULLETS	E	.55	.55	.55	.57	
OFF GRADE	D	.70	70	.69	.68	
BROWN						
EXTRA LARGE		89	89	89	89	
LARGE		.85	.85	.85	85	
MEDIUM		.66	66	.66	66	
OFF GRADE						
UNDERGRADES						
AND CHECKS		30	30	30	31	

BREAKING STOCKS: MON. 48-50 LBS 43 00-45 00, 50 LBS AND UP 45 00-46.00, THUR. 48-50 LBS. 44 00-46.00, 50 LBS AND UP 46 00-47.00

Eastern PA & NJ Poultry

ATLANTA, GA
APRIL 13, 1993

NORTHEAST LIVE HEN REPORT, APRIL 13, 1993. FEDERAL-STATE

Prices are too few to report on either class of fowl. Most processing plants have an adequate to fully adequate supply of light type hens booked but offerings of heavy fowl are limited. Demand moderate at best. Trade sentiment barely steady.

CENTS PER LB., GENERALLY FOR SLAUGHTER THE FOLLOWING WEEK.

HEAVY TYPE (7 POUNDS AND UP) * AT FARM BUYER LOADING TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT

LIGHT TYPE AT FARM BUYER LOADING TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT

* WEIGHTS UNDER 7 LBS. SUBJECT TO DISCOUNT.

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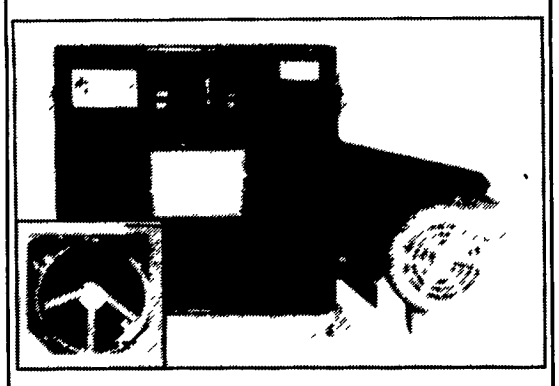

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Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, April 13, 1993
Report Supplied by Auction

HEAVY FOWL .20-.80.
MIXED FOWL 1.25.
BANTAMS 1.40.
ROOSTERS .50-1.60.
TURKEYS .70.
BUNNIES EACH 1.00-9.75.
DUCKS .80-1.45.
RABBITS .90-1.40.
PIGEONS EACH 1.50-1.70.
GUINEAS 2.80.
CHICKS EACH .70-1.70.
GOSLINGS EACH 2.75-3.25.

WHITE EGGS: EXTRA LARGE & JUMBO .83-1.02; LARGE .78-.80; MEDIUM .43-.65.

BROWN EGGS: EXTRA LARGE & JUMBO .84-.91; LARGE .72-.80; MEDIUMS .61-.66.

NY Egg Market

EDISON, NJ
APRIL 14, 1993

NEW YORK EGGS, APRIL 14, 1993. FEDERAL-STATE

Prices were lower for the large sizes, unchanged on mediums. Trade sentiment was steady on mediums, and cautiously steady to weak for the large sizes. Demand was mixed, and post-holiday restocking was fair to good. Supplies of extra-large and large were at least adequate, while mediums were adequate to instances barely adequate.

PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, WHITE EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN.

RANGE EXTRA LARGE 79-81 LARGE 76-79 MEDIUM 63-66

New York & Phila. Frozen Egg Report

Tuesday, April 13, 1993

The market tone was unsettled. Trading activity was sporadic with whole eggs in the most vulnerable position. Whites were generally fully steady to firm and yolks were weakening. Raw materials were fully sufficient for desired needs. Floor stocks were adequate to accommodate present trade requirements.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB CONTAINERS) TRUCKLOTS LTL (MIN 25 CONT.) RANGE MOSTLY RANGE WHOLE 51-54 52-53 55-62 BLEND (/) - - 62-77 WHITES 50-53 51-52 54-60 SUGARED YOLKS (MIN 43% SOLIDS) 58-62 60-61 62-69 SALTED YOLKS (MIN 43% SOLIDS) 55-58 57-58 58-65 (/) - WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

Green Dragon Hay

Ephrata, Pa.
Friday, April 9, 1993
Report Supplied by Auction

TOTAL LOADS: 58.
MIXED HAY: 55.00-140 00.
ALFALFA: 60.00-100.00.
TIMOTHY· 50 00-115 00
CLOVER: 55.00.
STRAW: 48.00-100.00.
EAR CORN: 67.00-72.00.
FIREWOOD: 20.00 LOAD.

Kutztown Produce Auction Hay Auction

Saturday, April 10, 1993

TOTAL LOADS: 16
MIXED HAY: 91.00-120.00
TIMOTHY: 60.00-100.00.
GRASS: 101.00, 1.90 BALE
WHEAT: 55.00-70.00.
BARLEY: 70.00.
OATS: 1.80 BU.
EAR CORN: 70.00.
FIREWOOD· 50.00 LOAD

Philadelphia Eggs

Thursday, April 15, 1993
Report Supplied by USDA

MARKET COMMENT: TRADE SENTIMENT WAS CAUTIOUSLY STEADY TO BARELY STEADY. DEMAND WAS FAIR TO GOOD, MOSTLY MODERATE. SUPPLIES WERE GENERALLY ADEQUATE OR AVAILABLE, AND MOST CURRENT NEGOTIATED WHOLESALE TRADE WERE AT STEADY TO INSTANCES SLIGHTLY LOWER PRICES FOR JUMBOS THROUGH LARGE, AND STEADY TO HIGHER PRICES FOR SMALL AND MEDIUM. A EXTRA LARGE .76-.86, A LARGE .74-.84, A MEDIUM .62-.69.

Shenandoah Valley Livestock

Harrisonburg, Va.
April 10, 1993
Report supplied by auction

STEERS: M&L-1 300-500 LBS. 100.00-110.00; 500-700 LBS. 85.00-99.00; 700-1000 LBS. 73.00-79.00; HOLSTEIN 300-500 LBS. 64.50-80.00.

S-L&M&L-2: 300-500 LBS. 80.00-101.00; 500-700 LBS. 73.00-95.00

FEEDER BULLS: 300-500 LBS. 92.00-94.00.

HEIFERS: 300-500 LBS. 84.00-89.00; 500-700 LBS. 70.00-88.00; 700-800 LBS. 70.00-81.50.

S-L&M&L-2: 300-500 LBS. 74.00-85.00; 500-700 LBS. 62.00-75.00.

STOCK COWS: BEEF, PAIRS 700.00-850 00, BABY CALVES 36.00-150.00.

SLAUGHTER COWS· UTILITY AND COMMERCIAL 2-4 43.00-49.75; CANNER AND CUTTERS 1-3 35 00-43.00

SLAUGHTER BULLS: 50 00-57.50.

LAMBS: FEEDER LAMBS CHOICE 84 00, SLAUGHTER EWES 10 00-12 50.

SOWS 1-3 26 00-41 00

BOARS 28 50

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National Grain Market

ST. JOSEPH, MO.
APRIL 14, 1993

GRAIN AND SOYBEAN PRICES WERE MOSTLY LOWER, WEDNESDAY, ON WARMER, DRIER WEATHER FORECAST FOR MOST OF U.S. DURING NEXT TWO WEEKS AND FUND SELLING IN BEAN PITS. WHEAT 1 TO 4 CENTS LOWER. CORN 2 TO 6 CENTS LOWER. SORGHUM 3 TO 4 CENTS LOWER. SOYBEANS MIXED. OUTLOOK FOR WARM, DRY WEATHER CONDITIONS TO MOVE INTO MIDWEST AREAS WITHIN THE NEXT COUPLE WEEKS PRESSURED GRAIN AND BEAN PRICES. WINTER WHEAT CROP GROWTH WILL BENEFIT AND ALLOW FIELDWORK TO BEGIN PREPARATION FOR PLANTING. SOYBEAN PRICES WERE LOWER IN REACTION TO DECLINES IN CORN PRICES AND FUND SELLING ON THE BOARD. USDA'S SUPPLY AND DEMAND REPORT RELEASED MONDAY, FORECASTED 92-93 ENDING BEAN STOCKS AT 340 MILLION BUSHELS CONTINUED TO WEIGH ON SOYBEAN PRICES. ADDITIONAL WEAKNESS STEMMED FROM REPORTS BRAZIL'S BEAN HARVEST GOING WELL. EXPORT INTEREST ADDED SLIGHT SUPPORT TO BEAN PRICES

EXPORT NEWS· JAPAN BOUGHT 38,094 TONNES U.S. WHEAT FOR JUNE SHIPMENT. USDA ACCEPTED A BID TO SELL 17,000 TONNES BARLEY TO MOROCCO UNDER EEP FOR APRIL/MAY SHIPMENT.

DATE CHANGE YEAR AGO TRUCK BIDS· 04/14/93 04/13/93 04/15/92 WHEAT: KANSAS CITY 3 60-3.62 DN 3 4 02-4.03 MINNEAPOLIS TRUCK BID 3.92 1/4 DN 4 1/4 4.16 PORTLAND 3.83-3.85 UP 1-NC 4.40-4.42 ST. LOUIS 4.06-4.11 NC-DN 1 3.45-3.48

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.30-2.32 DN 2 2.54-2.55 MINNEAPOLIS 2.25 DN 4 2.49 1/4 SO. IOWA 2.31-2.33 DN 3-6 2.58 OMAHA 2.18-2.19 DN 2 NO QUOTE

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 5.89-5.93 NC-UP 1 5.84-5.86 MINNEAPOLIS 5.83 1/4 DN 2 5.72 1/2 SO. IOWA 5.87-5.93 UP 3-DN 3 5.80-5.82 C. ILL. PROCESSORS 5.94 1/4-6.05 1/4 UP 1.00-NC 5.81 1/2-5.91 1/2

*TRUCK BIDS FOR KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (MAY) WHEAT 3.32 1/4 DN 2 1/4 3.65 MINNEAPOLIS (MAY) WHEAT 3.32 1/4 DN 4 1/4 3.80 CHICAGO (MAY) WHEAT 3.49 3/4 DN 1 1/2 3.61 (MAY) CORN 2.31 DN 2 2.53 1/4 (MAY) SOYBEANS 5.95 1/4 NC 5.75 1/2

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 3.97 1/4 DN 2 1/4 4.37-4.38 NO. 2 SOFT RED WINTER WHEAT 4.19 3/4-4.30 DN 1/4-1 4.06-4.14 NO. 2 YELLOW CORN 2.55 1/2-2.56 DN 2 1/2-3 2.77-2.78 NO. 2 YELLOW SORGHUM RAIL 4.29 DN 9 BARGE 4.30 DN 4 4.95-4.99 NO. 2 YELLOW SOYBEANS 6.17-6.18 UP 1/4-1 6.04 BIRD

THIS REPORT A SERVICE OF U.S. DEPARTMENT OF AGRICULTURE, LIVESTOCK AND GRAIN MARKET NEWS, ST. JOSEPH, MISSOURI. 2:55 PM BAB --O--

Pa. Grain

Monday, April 12, 1993
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL, AND SOUTH CENTRAL PA. CORN UNEVEN TO .05 HIGHER, BARLEY MOSTLY STEADY TO WEAK; WHEAT UNEVEN MOSTLY STEADY TO .05 LOWER, OATS & SOYBEANS UNEVENLY STEADY; EAR CORN STEADY TO STRONG.

SOUTHEASTERN PENNSYLVANIA

CORN NO 2-Y RANGE 2.45-2.70, AVERAGE 2.55, FEW REPORTED CONTRACT FOR HARVEST 2.43-2.60; @WHEAT NO. 2 RANGE 3.25-3.50, AVERAGE 3.39, FEW REPORTED CONTRACT FOR HARVEST 3.00-3.14; BARLEY NO. 3 RANGE 1.70-2.00, FEW REPORTED 2 30, AVERAGE 1.99, FEW REPORTED CONTRACT FOR HARVEST 1.60-1.80; OATS NO 2 RANGE 1 50-1 80, AVERAGE 1.67, FEW REPORTED CONTRACT FOR HARVEST 1 10; SOYBEANS NO. 1 RANGE 5.70-6.05, AVERAGE 5.87, FEW REPORTED CONTRACT FOR HARVEST 5.84-6.00; FEW REPORTED GR. SORGHUM #2 RANGE 2.35, AVERAGE 2.35, FEW REPORTED CONTRACT FOR HARVEST 2.28; AVERAGE MOISTURE NEW EAR CORN RANGE 60.00-75.00, AVERAGE 67.10

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.25-2.50, AVERAGE 2.36; @WHEAT NO. 2 RANGE 3.00-3.45, FEW REPORTED 3 60; AVERAGE 3.27; BARLEY NO. 3 RANGE 1.75-2.00, AVERAGE 1.88; OATS NO. 2 RANGE 1.50-1.70, AVERAGE 1.57; SOYBEANS NO. 1 RANGE 5.50-5.85, AVERAGE 5.71; AVERAGE MOISTURE NEW EAR CORN RANGE 55.00-70.00; AVERAGE 61.71.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.35-2.70, AVERAGE 2.50; @WHEAT NO. 2 RANGE 3.25-3.65; AVERAGE 3.37; BARLEY NO. 3 RANGE 1.70-2.05, AVERAGE 1.94, OATS NO. 2 RANGE 1.50-1.80, AVERAGE 1.63; SOYBEANS NO. 1 RANGE 5.70-6.05, AVERAGE 5.81; AVERAGE MOISTURE NEW EAR CORN RANGE 55.00-75.00, AVERAGE 64.71.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.40-2.60, AVERAGE 2.50; @WHEAT NO. 2 RANGE 3.30-3.65, AVERAGE 3.43; BARLEY NO. 3 RANGE 1.80-2.05, FEW REPORTED 2.30, AVERAGE 1.91; OATS NO. 2 RANGE 1.50-1.80, AVERAGE 1.62; SOYBEANS NO. 1 RANGE 5.70-5.90, AVERAGE 5.79; AVERAGE MOISTURE NEW EAR CORN RANGE 55.00-70.00; AVERAGE 62.57.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.25-2 60, FEW REPORTED 1.90; AVERAGE 2 34, @WHEAT NO 2 RANGE 3.10-3 35, AVERAGE 3 25, BARLEY NO 3 RANGE 1 85-1.92, AVERAGE 1 89, OATS NO. 2 RANGE 1.45-1 70, FEW REPORTED 1.98, AVERAGE 1.67, SOYBEANS NO 1 RANGE 5 28-5 65, AVERAGE 5 47. AVERAGE MOISTURE NEW EAR CORN FEW REPORTED RANGE 65 00, AVERAGE 65 00.

MONTH AGO

CORN NO. 2-Y 2.40; @WHEAT NO. 2 3.37; BARLEY NO. 3 1.90; OATS NO 2 1.60; SOYBEANS NO. 1 5 68; AVERAGE MOISTURE NEW EAR CORN 62 78.

YEAR AGO

CORN NO. 2-Y 2.98; @WHEAT NO 2 3.73; BARLEY NO. 3 2.16; OATS NO 2 1.88, SOYBEANS NO. 1 5 60; AVERAGE MOISTURE NEW EAR CORN 86 23

Good's Hay

Leola, Pa.
Wed., April 14, 1993
Report Supplied by Auction

TOTAL LOADS: 134.
MIXED HAY: 50.00-151.00.
ALFALFA: 50.00-178.00.
STRAW: 65.00-94.00.
TIMOTHY: 63.00-119.00.
GRASS: 87.00-129.00
CORN: 39.00-76.00.
OATS. 2 00-2 40 BU
CLOVER 55 00

North Jersey Livestock

Hackettstown, NJ
Tuesday, April 13, 1993
Report supplied by auction

CALVES .20-2 05.
COWS .25-56¼ .
EASY COWS .09-.46¼ .
HEIFERS .41¼ -.76.
BULLS .55¼ -.65¼ .
STEERS .63-.74.
HOGS .27-.55.
SOWS .36-.38.
SHEEP .16-.59.
LAMBS EACH 13.00-100.00.
LAMBS PER LB. .20-1.50.
GOATS EACH 19.00-107.00.
KIDS EACH 8.00-100 00.
TOTAL 1025

Marshall, Va. Horse Sale

Report Supplied by Auction
April 10, 1993

RIDING HORSES, SERVICEABLE AGE: AVERAGE TO GOOD QUALITY 925-1175 LBS. 565.00-780.00, 800-900 LBS 415.00-560.00; BETTER QUALITY 950-1200 LBS 800.00-1000 00; EXCELLENT QUALITY 1050-1150 LBS 2 AT 1175 00-1450 00.

RIDING PONIES: SMALL 305 00-355 00, LARGE 350.00-495.00

LOOSE HORSES: AVERAGE TO GOOD FLESH 925-1200 LBS 535 00-810.00; 800-900 LBS 420 00-520 00; 1500 LBS 1 AT 1150 00

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HAY & GRAIN SALE EVERY MONDAY - 10:00 A.M.

TUES.	APR. 27	ANTIQUE TRACTORS	10:00 AM
FRI.	APR. 30	SHOP & FARM EQUIP. FOR BEN FISHER AT LOYSVILLE, PA. PERRY CO.	9:00 A.M.
MON.	MAY 3	WHOLESALE FURNITURE	6:30 P.M.
WED.	MAY 5	WINROSS TRUCKS & TOYS	6:30 P.M.
FRI.	MAY 14	FARM EQUIPMENT & SUPPLIES	9:00 A.M.

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GRASS AND FEEDER CATTLE SALES

April 23, 1993 2:00 P.M.
April 30, 1993 2:00 P.M.

COW AND BULL SALE

May 7, 1993 2:00 P.M.

Larry Sterling, Manager (Home) (304) 789-6271

Leonard Custer, Auctioneer

NEW HOLLAND SALES STABLES INC. THE ACTION AUCTION

LIVESTOCK IS OUR ONLY BUSINESS

MONDAY

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EARLY BIRD HOG SALE
7:30 A.M.
Sell Your Hogs At New Holland Sales Stables, Inc. See them weighed, sold and pickup your check.

10:00 A.M.
HORSES
MULES

1:30 P.M.
BEEF SALE
SHEEP
GOATS
CALVES

THURSDAY

Beef Auction 10:00 A.M.
BULLS, STEERS, BEEF COWS

1:00 P.M.
STOCKERS & FEEDERS

11:30 A.M.
SHEEP
GOATS
CALVES

WEDNESDAY

HEIFER SALE 11:00 A.M.
COW SALE 12:00 NOON
HEIFERS BULLS DAIRY COWS

We have the usual run of 50 to 100 Heifers, all ages. Loads of fresh cows and springers from our regular shippers. Also some local fresh cows and springers.

1:30 P.M.
FEEDER PIG SALE

Pigs are accepted after 6 30 A.M. State graded from 8 to 12. Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection.

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Roger Floyd - 717-354-4341
FAX #717-355-0706

Order Buyer
Paul Good - 215-445-6662

Central U.S. Carlot

Pork Report
April 14, 1993
Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3 P.M.

COMPARED TUESDAY'S 3:00 P.M CLOSE: FRESH LOINS STEADY TO 2.00 HIGHER; BUTTS STEADY TO 1.00 HIGHER; SKND. HAMS 17-20 LBS. GENERALLY STEADY, 20-26 LBS. MOSTLY 1.00 LOWER; SDLS. BELLIES STEADY TO 2.00 HIGHER. TRADE ACTIVITY MODERATE TO ACTIVE. DEMAND AND OFFERINGS LIGHT TO MODERATE

105.0 LOADS PORK CUTS
21.5 LOADS TRIM/PROCESS PORK

PORK CUTS

LOINS, REGULAR, FRESH

14-18 LBS. * 11.5 LOADS, RANGE 108.00-115.00, WGHTD. AVG. 110.70.

¼" TRIM 14-18 LBS., 11.5 LOADS, RANGE 126.00-135.00, WGHTD AVG. 130.30

¼" TRM/LESS 14-18 LBS., RANGE 137.00, WGHTD. AVG 137.00 A.

¼" TRIM 18-22 LBS., * RANGE 104.00, WGHTD. AVG. 104.00 E.

¼" TRIM 18-22 LBS., RANGE 126.00, WGHTD. AVG. 126.00 E.

COMBOS 22 LBS. AND UP, 1.0 LOADS, RANGE 80.00, WGHTD. AVG. 80.00

LOIN, BLS CTRCT 5-9 LBS.

5-9 LBS. STRAP-ON, RANGE 236.00, WGHTD. AVG. 236.00 A.

5-9 LBS. STRAP-OFF, 1.5 LOADS, RANGE 255.00, WGHTD. AVG. 255.00.

BNLS SIRLOIN

75-1.00 LBS., 1.0 LOADS, RANGE 149.00, WGHTD. AVG. 149.00.

TENDERLOIN 1.25/DN LBS.

RANGE 360.00, WGHTD. AVG. 360.00 B.

PICNIC, FRESH (COMBOS) FOR SMOKER TRIM, RS

2.5 LOADS, RANGE 52.00-55.00, WGHTD AVG. 52.60.

BOSTON BUTT

4-8 LBS *, 9.5 LOADS, RANGE 66.00-73.00, WGHTD. AVG. 68.89.

¼" TRIM 4-8 LBS., 9.5 LOADS, RANGE 87.00-94.00, WGHTD. AVG. 88.95.

COMBOS, RANGE 57.00, WGHTD AVG. 57.00 B.

SPARERIB FRESH

1.5-3.5 LBS., RANGE 117.00, WGHTD. AVG. 117.00 A.

3.5-5.5 LBS., RANGE 95.00, WGHTD AVG. 95.00 A.

SPARERIB FROZEN

3.5-5.5 LBS., RANGE 92.00, WGHTD AVG. 92.00 A.

5.5 LBS. AND UP, RANGE 63.50, WGHTD. AVG. 63.50 E.

LOIN BACKRIB (BOXED) FRSH/FRZN

1.75-2.00 LBS., RANGE 199.00, WGHTD. AVG. 199.00 B.

HAM, SKINNED, SELECTED

FRESH 14-17 LBS., 1.0 LOADS, RANGE 66.00, WGHTD. AVG. 66.00.

FRESH 17-20 LBS, 22.0 LOADS, RANGE 64.00-64.50, WGHTD. AVG 64.05.

FRESH 20-26 LBS., 8.0 LOADS, RANGE 60.00-63.00, WGHTD AVG 61.13.

HAM, SKINNED, COMMODITY

FRESH 17-20 LBS., RANGE 64.00, WGHTD. AVG. 64.00 B.

FRESH 20-26 LBS., 2.0 LOADS, RANGE 59.00-61.00, WGHTD. AVG 60.00.

FRESH 26-32 LBS., RANGE 55.00, WGHTD. AVG. 55.00 C.

FRESH 32 LBS. AND UP, RANGE 61.00, WGHTD. AVG. 61.00 C.

BELLY, SDLS, SKIN-ON, FRESH

FRESH 10-12 LBS., RANGE 38.00, WGHTD. AVG. 38.00 B.

FRESH 12-14 LBS., 15.0 LOADS, RANGE 42.00-44.00, WGHTD. AVG 42.33.

FRESH 14-16 LBS., 24.0 LOADS, RANGE 42.00-44.00, WGHTD. AVG. 42.33.

FRESH 16-18 LBS., 3.0 LOADS, RANGE 41.00-43.00, WGTHD. AVG. 41.67.

FRESH 18-20 LBS., 3.0 LOADS, RANGE 40.00, WGHTD. AVG. 40.00.

FRESH 20-25 LBS., RANGE 39.00, WGHTD. AVG. 39.00 D.

PORK TRIMMINGS/ BONELESS PROCESSING PORK (CHEMICAL LEAN)

COMBO 42% FRESH, 3.0 LOADS, RANGE 36.00, WGHTD. AVG. 36.00.

COMBOS 72% FRESH, 8.0 LOADS, RANGE 53.00-54.00, WGHTD AVG 53.75.

BOXED 72% FROZEN, RANGE 62.00, WGHTD. AVG. 62.00 B.

PICNIC CUSHION MEAT

BOXED 92% FROZEN, RANGE 95.00, WGHTD. AVG. 95.00 B

BONELESS PICNIC MEAT

COMBO 72% FRESH, 5.0 LOADS, RANGE 55.00-55.50, WGHTD AVG 55.30.

SHANK MEAT

FROZEN, 2.5 LOADS, RANGE 73.50, WGHTD. AVG. 73.50.

SKINNED JOWLS

COMBO FRESH, 2.0 LOADS, RANGE 32.00-33.00, WGHTD AVG 32.50

BOXED FROZEN, 1.0 LOADS, RANGE 38.00, WGHTD. AVG 38.00

NOTE! (*) REFLECTS ¼" TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

PORK CARCASS CUTOUT
WEDNESDAY, APRIL 14, 1993

ESTIMATED GROSS CUTOUT VALUES OF A 175 LB. HOG CARCASS BASED ON USDA CUTTING YIELD TESTS AND CARLOT PRICES TUESDAY'S CARCASS GRADES AND PRICES PER CWT.:

US#1 65.90, CHANGE FROM TUESDAY'S VALUE 0.51, US#2 63.83, CHANGE FROM TUESDAY'S VALUE 0.50, US#3 61.76, CHANGE FROM TUESDAY'S VALUE 0.50, US#4 59.70, CHANGE FROM TUESDAY'S VALUE 0.50.

TODAY'S CALCULATIONS FOR USA#2 175 LB. PORK CARCASS:

SKINNED HAMS, 14-20 LBS., 21.01% OF CARCASS, 64.00 FOB VALUE, LOINS, ¼" TRIM, 14-22 LBS., 20.33% OF CARCASS, 130.25 FOB VALUE, CHANGE FROM TUES 1.75

BELLIES, SDLS, 12-14 LBS., 13.90% OF CARCASS, 42.25 FOB VALUE, 0.25 CHANGE FROM TUES.; SPARERIBS, 3.5DN LBS., 3.03% OF CARCASS, 117.00 FOB VALUE.

PICNICS, 8-12 LBS., 10.31% OF CARCASS, 37.50 FOB VALUE, -0.50 CHANGE FROM TUES.; BUTTS, ¼" TRIM, 4-8 LBS., 7.25% OF CARCASS, 88.50 FOB VALUE, 1.00 CHANGE FROM TUES.

JOWL, 2.85% OF CARCASS, 32.50 FOB VALUE, 1.50 CHANGE FROM TUES.; NECKBONES, 1.52% OF CARCASS, 12.00 FOB VALUE.

FEET, 1.05% OF CARCASS, 16.50 FOB VALUE; TAILS, 0.22% OF CARCASS, FOB VALUE 54.00

TRIM 72%, 2.19% OF CARCASS, 53.75 FOB VALUE, -0.25 CHANGE FROM TUES.; LARD 10.85% OF CARCASS, 15.00 FOB VALUE, 0.50 CHANGE FROM TUES.

TOTAL CARCASS 94.51% US#2 CARCASS VALUE PER CWT. 63.83.

NOTE: VALUE MAY CHANGE WITHOUT ADEQUATE TEST.

Grantsville Livestock

Grantsville, Maryland
Sat., April 10, 1993

HOGS: TOP BARROWS & GILTS 42.50-45.60; HEAVY BUTCHER 42.00-45.00; LIGHT BUTCHER 32.00-44.00; BUTCHER SOWS 30.50-37.00; FEEDER SHOATS 20.00-42.00.

VEAL: GOOD 75.00-95.00; STANDARD 45.00-70.00; UTILITY 40.00 TO DOWN; BULL CALVES 100.00-140.00.

SHEEP & LAMBS: EASTER LAMBS 75.00-100.00; GOOD 75.00-82.00; UTILITY 60.00-65.00; SLAUGHTER EWES 18.00-28.00.

SLAUGHTER CATTLE: GOOD 68.00-70.50; STANDARD 62.00-65.00; UTILITY 52.00-60.00.

HEIFERS: GOOD 65.00-69.00; STANDARD 60.50-64.00; UTILITY 48.00-58.00.

COWS: COMMERCIAL 45.00-51.50; UTILITY 40.00-44.00; CANNER & CUTTER 38.00 TO DOWN.

BULLS: COMMERCIAL AND GOOD 58.00-69.50; CUTTER AND UTILITY 52.00-54.00.

STOCK-FEEDER CATTLE: GOOD 70.00-80.00; MEDIUM 60.00-65.00.

STEER CALVES: GOOD 75.00-92.50; MEDIUM 65.00-70.00.

HEIFER CALVES: GOOD 70.00-85.00; MEDIUM 60.00-65.00.

EGGS: LARGE 55-.75; MEDIUM 55-60.

Mercer Livestock Market

MERCER, PA
April 13, 1993

CATTLE 244.. PDA ...Compared with last Tuesday's market: sl. cows 1.50 higher. STEERS: High Choice and Prime 1145/1355 lbs. 76.50-78.75, Choice 1015/1475 lbs. 74.85-80.75, Select 68.00-74.00, Standard 58.50-66.75. HOLSTEINS: one Choice 1195 lbs. 76.35, couple Select 66.75 & 67.35. HEIFERS: Choice 995/1275 lbs. 72.00-77.25, few Select 65.50-70.00, Standard 52.00-57.60. COWS: Breaking Utility and Commercial 45.25-51.75, Cutter and Bon. Utility 43.00-48.25, Canner and Low Cutter 39.50-44.50. Shells down to 34.25. BULLS: few Yield Grade No. 1 1240/1655 lbs. 59.50-64.60, one return to farm at 76.00, No. 2 825/1605 lbs. 49.25-58.75. FEEDER CATTLE: Steers: few Medium Frame No. 1 440/585 lbs. 75.00-84.00, Large No. 2 315/724 lbs. 62.50-73.50; Heifers: Medium Frame No. 1 300/610 lbs. 60.00-70.00, few Medium Frame No. 1 685/985 lbs. 55.00-57.50; Bulls: Medium Frame No. 1 335/960 lbs. 60.00-72.00, couple 105.00.

CALVES 96... VEALERS: few Standard and Good 70/110 lbs. 34.00-50.00, few Utility 60/90 lbs. 10.00-20.00. RETURNED TO FARM: No. 1 Holstein bulls 115/130 lbs. 120.00-164.00, 95/115 lbs. 140.00-176.00, 80/90 lbs. 122.50-140.00, No. 2 80/120 lbs. 60.00-132.50, few No. 1 Holstein heifers 95/125 lbs. 162.50-178.00, couple No. 2 70/75 lbs. 50.00 & 70.00. Beef cross 70/105 lbs. bulls and heifers 62.00-182.50.

HOGS 158..Barrows and gilts steady. BARROWS AND GILTS: US 1-2 240/260 lbs. 44.50-45.10, 1-3 220/260 lbs. 42.60-44.10, lot 2-3 227 lbs. 41.10, 1-3 195/220 lbs. 38.10-42.50. BOARS: one 700 lbs. 28.00.

FEEDER PIGS NO HEADAGE....few US 1-3 40/50 lbs. 25.00-35.00.

SHEEP NO HEADAGE....few Choice 45/55 lbs. Spring sl. lambs 71.00-80.00, few Good and Choice 48 lbs. 65.00.

GOATS NO HEADAGE....couple Large 50.00-57.50, one Medium 20.00, one Small 20.00, couple Small Kids 11.00 & 21.00.

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RECEIVING STATION
• Market Hogs
• Sows • Boars
• Cull Pigs
NOW RECEIVING:
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Fri. 6:30-10 a.m.
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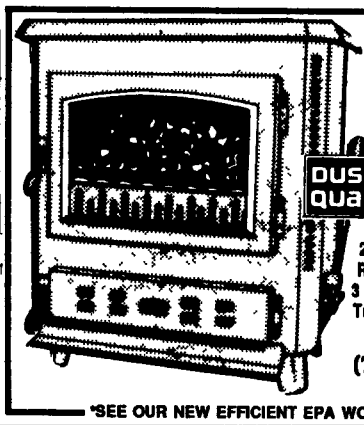
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SPECIAL GRADED FEEDER CATTLE SALE
Friday, April 23, 1993

Sold in Conjunction With Our Regular Sale
These Cattle Will Be Sold 1 O'Clock
160 Head Black & Black White Face Steers Weighing 650 to 750 Lbs.
15 Head Charolais Heifers Weighing 650 to 700 Lbs.
60 Head Holstein Steers Weighing 350 to 550 Lbs.
All These Cattle Belong To One Man & All From Penna.
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BALER TWINE $18.95 Bale
FERTILIZER
SPRING BARLEY-BUCKWHEAT
WHOLESALE & RETAIL

The OLD FARMER'S THIS WEEK WITH ALMANAC

APRIL 19-25, 1993

KINDERGARTEN DAY, APRIL 21.

FOR THE CHILDREN

Friedrich Froebel was born on April 21 1782 At a time when most people believed in imposing adult standards on children Froebel saw the need for nurturing their emotional and spiritual nature He believed in leading children to self understanding through play greater freedom and group activities Froebel opened his first school in Germany in 1837 He coined the term kindergarten to convey an environment where children grew freely like plants tended in a garden Froebel s education plan gained widespread acceptance throughout Europe In 1868 the first English speaking kindergarten was opened in Boston The first public kindergarten was opened in St Louis Missouri in 1873

If you want to learn something, listen to the children. — Turkish proverb

TIP OF THE WEEK

Rub baby oil over adhesive bandages for "ouchless" removal.

EARTHWISE

Lowering the temperature on your water heater saves money and energy, and may save someone in your house from a nasty burn Children and the elderly are especially susceptible to burns from hot tap water Water of 130° F or higher is a scald hazard, and exposure to 156 F water for only one second can cause a third-degree burn Set your water heater no higher than 120° F for energy savings and peace of mind

BUTTERMILK COOKIES

2 cups sugar
1 cup butter
1 cup buttermilk
1 teaspoon baking soda
3 eggs
¼ teaspoon nutmeg
½ teaspoon lemon juice
3 cups flour
raisins

Cream sugar and butter Beat in remaining ingredients to form smooth dough Drop by teaspoons onto ungreased cookie sheets Bake at 350° F for 10 to 12 minutes Place a raisin in the center of each cookie while still hot

Makes 6 to 7 dozen

The OLD FARMER'S WEATHER FORECAST

NORTHEAST: Sunny and warm turning colder heavy rain then clearing

SOUTHEAST: Cold wave clear then showers and warmer sunny west

MIDWEST: Rainy and seasonable very cold north then milder, showers, turning colder

NORTHWEST: Cold, light rain and snow then clearing and milder

SOUTHWEST: Showery and cool, clear desert, then clear and very warm

Greencastle Livestock

Greencastle, Pa.
April 12, 1993

TOTAL CATTLE: 961 HEAD. SLAUGHTER CATTLE RECEIPTS: 653. SLAUGHTER STEERS: 134 HD. TREND: 1.00-2.00 HIGHER.

HIGH CHOICE AND PRIME 2-4, 80.00-84.00; CHOICE 2-3 950-1075 LBS. 70 00-76.00; CHOICE 2-3 1075-1375 LBS 74.00-80.50; CHOICE 2-3 OVER 1375 LBS. 70.00-77.00; CHOICE 4 ALL WEIGHTS 66.00-73.75; SELECT & CHOICE 1-2 950-1100 LBS. 65.00-71.00; SELECT & CHOICE 1-2 1100-1375 LBS. 66 00-72.75; SELECT & CHOICE 1-2 OVER 1375 LBS. 66.00-71.00.

HOLSTEINS: CHOICE 2-3 1050-1450 LBS 66.00-71.00; SELECT 1-2 1050-1450 LBS. 60 00-65 00

SLAUGHTER HEIFERS: 59 HD. TREND 1.00-2 00 HIGHER. CHOICE 2-3 850-1000 LBS. 68 00-76.00; CHOICE 2-3 1000-1250 LBS. 72.50-81.00; SELECT & CHOICE 1-2 850-1000 LBS. 65 00-71 50, SELECT & CHOICE 1-2 1000-1250 LBS 66 00-74.00 SELECT AND CHOICE 1-2, 1000-1250 LBS. 70 00-75.50.

HOLSTEINS· CHOICE 2-3 1000-1350 LBS. 61.00-66.00, SELECT & CHOICE 1-2 1000-1350 LBS. 54.00-60.00.

SLAUGHTER BULLS: 44 HD. TREND: 2 00 LOWER. YIELD GRADE 1 ALL WEIGHTS 59.00-68.00; YIELD GRADE 2 ALL WEIGHTS 54.00-58.50.

BULLOCKS: 21 HEAD. CHOICE 1-3 950-1150 LBS., 63.00-67.75; CHOICE 1-3 1150-1375 LBS., 64.00-68.00; SELECT 1-2 950-1250 LBS., 66.00-71.75.

COWS: 395 HD. TREND: STEADY TO STRONGER. BREAKING UTILITY & COMMERCIAL 46.00-51.00; CUTTER & BONING UTILITY 48.50-53.75; CANNER & LOW CUTTER 48.00 & DOWN.

STOCKER & FEEDER CATTLE RECEIPTS: 308 HD., TREND: STRONG DEMAND. BEEF TYPES: 200-400 LBS. STEERS 89.00-111.00, BULLS 85 00-104 00, HEIFERS 80.00-99.00; 400-600 LBS STEERS 80.00-94.50, BULLS 75.00-84.00, HEIFERS 70 00-82 00; 600-800 LBS STEERS 76.00-84.00, BULLS 68.00-74.00; HEIFERS 70.00-78.00; 800-975 LBS. STEERS 70.00-76.50, BULLS 62.00-67.00; HEIFERS, 65.00-69.00.

HOLSTEIN AND DAIRY CROSS: 200-400 LB. STEERS 70.00-82.00, BULLS 65.00-76.00, HEIFERS 85.00-125.00; 400-600 LB. STEERS 68.00-76.00, BULLS 60.00-66.00, HEIFERS 80.00-90.00; 600-800 LB. STEERS 64.00-69.00, BULLS 52.00-59.00, HEIFERS 60.00-74.00; 800-975 LB. STEERS 56.00-62.00, BULLS 48.00-54.50, HEIFERS 57.00-61.00.

CALVES: 488 HD. VEAL CALVES TREND: STEADY. CHOICE 150-300 LBS. 90.00-111.00; GOOD 150-300 LBS 80.00-108.00; GOOD 100-150 LBS 70.00-90.00; GOOD 80-100 LBS 65.00-75.00; STANDARD 80-100 LBS 45.00-70.00, STANDARD 80 LBS & DOWN 45.00 AND DOWN.

CALVES RETURNING TO THE FARM: TREND. STEADY TO STRONGER HOLSTEIN BULLS OVER 100 LBS UP TO 160.00; UNDER 100 LBS UP TO 155 00; HOLSTEIN HEIFERS OVER 100 LBS UP TO 255 00; UNDER 100 LBS. UP TO 225 00, BEEF TYPE BULLS OVER 90 LBS UP TO 175 00, BEEF TYPE HEIFERS OVER 90 LBS 160 00

SHEEP & LAMBS. 209 HD LAMBS TREND. 5 00 HIGHER, LIGHT LAMBS 20 00 HIGHER. CHOICE 80-100 LBS 75 00-91.00, 100-120 LBS 70.00-81 00, 120 AND OVER, 60 00-69 00, MEDIUM AND GOOD, ALL WEIGHTS, 57 00-71 00; LIGHT LAMBS 95.00-140 00.

SHEEP: EWES LEAN 19.00-27.00, EWES FAT 15.00-21.00; YEARLINGS 30.00-42.00; BUCKS 14.00-20.00.

GOATS· 120 HD., SMALL 16 00-38 00; MEDIUM 39 00-59.00, LARGE 60 00-100.00.

HOGS, SOWS & BOARS: 110 HD TREND: 1.00 LOWER. HOGS, BARROWS & GILTS: 210-250 LBS 41.50-44.25; 250-260 LBS 41 00-42 50, 260-270 LBS. 40 00-41.00, 270-300 LBS 37.00-39.00.

LIGHT HOGS: 140-180 LBS 31.00-35.00, 180-210 LBS. 35.00-40 00

SOWS: TREND: 1.00 LOWER. GOOD SOWS UNDER 400 LBS 37.00-43.00, GOOD SOWS OVER 400 LBS 40.00-44.50; CULL SOWS ALL WEIGHTS 35.00 & DOWN.

BOARS: TREND. STEADY. 180-210 LBS 31.00-34.00, 210-260 LBS 33.00-35 50; 260-300 LBS. 31 00-33 00, 300 LBS. & OVER 29 00-32 50

SALE EVERY MONDAY AT 2 00 P M & EVERY THURSDAY AT 1 00 P M

HAY & STRAW SALE EVERY MONDAY & THURSDAY AT 11 30 A M

SPECIAL FEEDER CATTLE SALE FRIDAY, MAY 7, 1993, AT 7:15 P M

SPECIAL FEEDER PIG SALE SATURDAY, APRIL 24, AT 1 00 P M

Aberdeen Sales Company, Inc.

Complete Auction & Appraisal Service
Churchville, Md.
Wednesday, April 14, 1993

SLAUGHTER STEERS: MARKET 1 50 LOWER. CHOICE 2-4 1100-1400 LBS 80.00-82.50; SELECT & LOW CHOICE 1000-1500 LBS. 74.50-77 00, HOL STEERS HI CHOICE & PRIME 1250-1400 LBS. 70.00-73 00; CHOICE 1200-1500 LBS 67.00-71.50, SELECT, ALL WEIGHTS 63 00-68 00

SLAUGHTER HEIFERS· MARKET 1 00 HIGHER CHOICE & PRIME 950-1300 LBS. 79.50-81.00, SELECT ALL WEIGHTS 900-1400 LBS 69 00-76 00.

COWS: MARKET 3 00 HIGHER BRK UT. & COMM. 2-4 BULK 47.00-51 50, HI DRESSING 52.00-56.00, CUTTER & BON. UT. 46.00-49 00, HI DRESSING 49.00-52.00; CANNER & CUTTERS 42 00-47.00, LOW DRESSING 42 00 DOWN.

BULLS: MARKET 1.00 HIGHER ALL WEIGHTS 1100-1900 LBS. 61 00-73 00

VEAL CALVES MARKET STEADY CHOICE AND PRIME 200-400 LBS 69 00-93 00, HI GOOD AND LOW CHICE ALL WEIGHTS 63 00-79.00

FARM CALVES: MARKET STEADY HOL BULLS 100-125 LBS 128.00-150.00; HOL. BULLS 85-95 LBS 105.00-135.00; HOL. HEIFER CALVES 100-120 LBS. 140.00-190.00; SMALL FRAME 70-105 LBS 110.00-140 00, SLAUGHTER CALVES ALL WEIGHTS 35.00-60.00.

FEEDER CATTLE: MARKET STEADY. BULLS & STEERS 400-900 LBS. 63.00-90.00, HEIFERS 300-700 LBS. 57.00-82 00

LAMBS: MARKET STEADY CHOICE & PRIME 90-110 LBS 76 00-85.00, LIGHTER LAMBS 90.00-125.00; EWES - HEAVY 18 00-25 00, EWES - LIGHT 27.00-38 00

GOATS· MARKET STEADY SMALL 20 00-40.00, MEDIUM 40.00-60 00, LARGE 60.00-100 00.

HOGS MARKET 1.00 LOWER 210-250 LBS. 41 50-43 00; 255-300 LBS 38.00-41.00, SOWS - HEAVY 36 00-42 00; SOWS - LIGHT 31 00-39 00, BOARS ALL WEIGHTS 30 00-33 00

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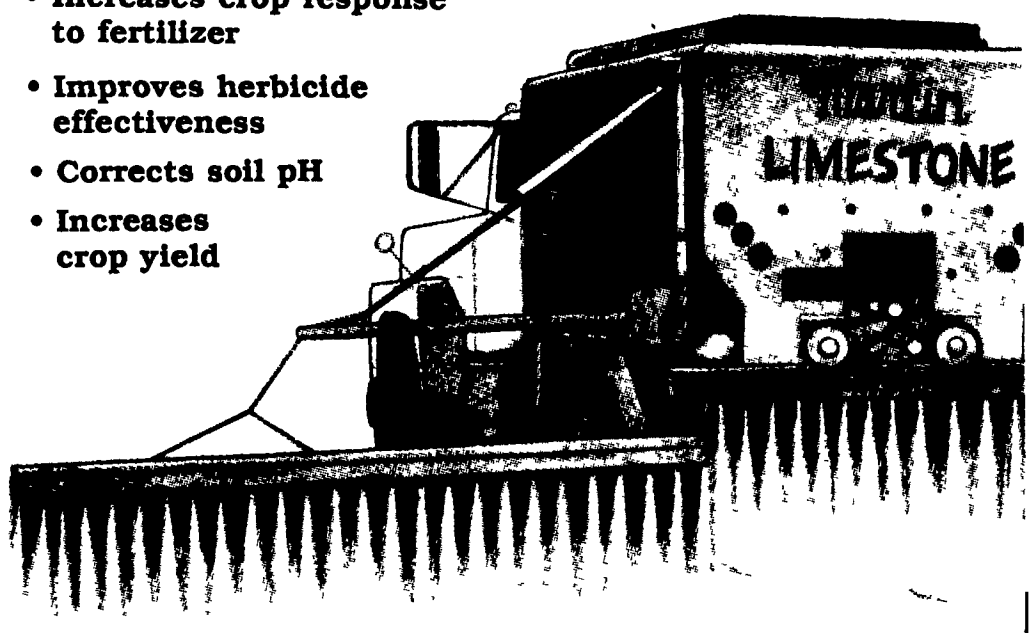

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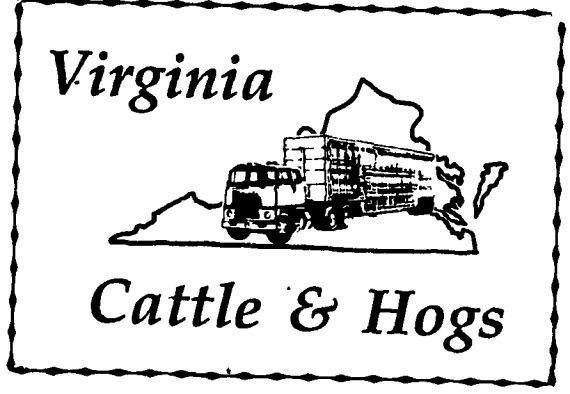

Virginia Weekly
RICHMOND VA
APRIL 14, 1993

WEEKLY REVIEW IN VIRGINIA REVIEW OF VIRGINIA DIRECT HOGS FOR THE PERIOD APRIL 7-13, 1993. RECEIPTS FOR COUNTRY BUYING STATIONS IN VIRGINIA FOR THE PERIOD TOTALED 1633 HEAD. RECEIPTS FOR DELIVERY TO THE PLANT (WITHIN A 30 MILE RADIUS) FOR THE PERIOD TOTALED 2334 HEAD. THE VIRGINIA DIRECT HOG MARKET FOR TUESDAY APRIL 13, CLOSED $1.00 HIGHER COMPARED TO LAST TUESDAY'S TRADING.

BARROWS AND GILTS: VIRGINIA COUNTRY POINTS U.S. 1-3 220-250 LBS 41.50-43.50

LOCAL PLANT DELIVERED (30 MILE RADIUS)
US 1-2 220-250 LBS. 44.50-45.00 US 2-3 220-250 LBS. 44.00-44.50 US 1-3 200-210 LBS. 41.00-41.50 US 1-3 210-220 LBS. 43.00-43.50 US 2-4 250-260 LBS. 42.00-42.50 US 2-4 260-270 LBS. 40.00-40.50

SLAUGHTER STEERS AND HEIFERS 2%; SLAUGHTER COWS 7% SLAUGHTER BULLS 1%, SLAUGHTER CALVES AND VEALERS 0%; FEEDER CATTLE UNDER 600 LBS 68%, OVER 600 LBS 22%

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS

SLAUGHTER CATTLE: TOTAL HEAD COUNT 0 STEERS: CHOICE 2-3 900-1100 LBS ---

HEIFERS: STANDARD 1-2 850-1100 LB ---- CHOICE 2-3 900-1100 LBS ---- CHOICE 2-3 1100 LBS & OVER ----

SLAUGHTER COWS TOTAL HEAD COUNT 845 UTILITY & COMMERCIAL COWS 38.50-49.75

SLAUGHTER BULLS: HEAD COUNT 95 BULLS - 1-2 900-1300 LBS 50.00-67.50 1-2 1300-1600 LBS 50.00-65.25 1-2 1600 LBS & OVER 52.00-66.50

SLAUGHTER CALVES & VEALERS TOTAL HEAD COUNT -- HEAD CALVES - GOOD AND CHOICE 250-500 LBS ----- VEALERS - CHOICE & PRIME 200-350 LBS -----

SLAUGHTER LAMBS TOTAL HEAD COUNT 113 (NEW CROP) CHOICE FEW PRIME 1-2 FEW 3 85-100 LBS 73.00-74.50 FEW 50.00 GOOD & FEW CHOICE 1-2 50-70 LBS 67.00-70.00 70-85 LBS 84.00 (WOOLED) CHOICE FEW PRIME 1-2 FEW 3 65.00-68.00

SLAUGHTER HOGS TOTAL HEAD COUNT 49 US 1-3 200-250 LBS 40.00 SOWS US 1-3 300-500 LBS 26.00-35.00 500 LBS & OVER 36.00-41.00

FEEDER CATTLE TOTAL HEAD COUNT FOR ALL WIEGHTS 9602 STEERS: MEDIUM 1 200-300 100.00-110.00 300-400 91.50-113.00 FEW 118.00 400-500 88.00-107.00 FEW 110.00 500-600 90.00-101.00 FEW 108.00 600-700 82.00- 94.00 700-800 74.00-84.00 800-900 68.75- 81.00
HEIFERS: MEDIUM 1 300-400 80.00-100.00 400-500 77.00- 95.50 500-600 73.50- 90.00 600-700 70.00-83.00 700-800 68.50- 77.00 800-900 70.00

STATE GRADED SLAUGHTER CATTLE SALE AT MADISON, VA ON APRIL 10, 1993. 97 HEAD SOLD.

STEERS CHOICE 2-3, 1000-1150 LBS 76.00-77.75 CHOICE 2-3, 1150-1300 LBS 77.00-80.00 CHOICE 2-3, 1300-1450 LBS 76.00-77.25 CHOICE 2-3, 1450 LBS & OVER 75.00 SELECT 2-3, 1000-1200 LBS 70.00-78.00

HEIFERS CHOICE 2-3, UNDER 900 LBS 71.25-72.50 CHOICE 2-3, 900-1050 LBS 72.50-77.50 CHOICE 2-3, 1050-1300 LBS 78.50-79.25 SELECT 2-3, 850-1100 LBS 71.00-79.00

STATE GRADED SLAUGHTER CATTLE SALE 148 HEAD SOLD AT FREDRICKSBURG, VA ON APRIL 8, 1993.
STEERS CHOICE 2-3, 1000-1150 LB. 75.25 - 79.00 CHOICE 2-3, 1150-1300 LB. 75.50 - 80.00 CHOICE 2-3, 1300-1450 LB. 77.25 - 80.75 CHOICE 2-3, 1480 LBS & OVER 72.00 SELECT 2-3, 1000-1200 LB. 70.00 - 75.50 HEIFERS CHOICE 2-3, 900-1100 LB. 74.25 - 78.75 CHOICE 2-3, 1100-1300 LB. 75.25 - 79.00 SELECT 2-3, 850-1100 LB. 71.00 - 78.75

North Virginia
RICHMOND VA
APRIL 15, 1993

BLACKSTONE - SOUTHSIDE AUCTION ON 14-APR-93 PRICES BASED ON OUT WEIGHTS

SLAUGHTER CATTLE 71 HEAD SLAUGHTER COWS 54 HEAD COWS CUTTER & BONING UT. 1-3 44.00 - 46.00 HIGH DRESSING 47.50 - 50.00 BREAKING UT. & COMM. 2-4 46.25 - 48.50 HIGH DRESSING 48.75 - 50.50 CANNER AND LOW CUTTER 1-2 39.00 - 46.25 SLAUGHTER BULLS 17 HEAD BULLS Y.G. 1-2, 900-1300 LB. 53.75 - 60.00 Y.G. 1-2, 1300-1600 LB. 53.00 Y.G. 1-2, 1600 LBS. & OVER 58.75 - 66.50

FEEDER CATTLE 421 HEAD STEERS 141 HEAD STEERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 200-300 113.00 113.00 - 105.00-110.00 300-400 99.00-113.00 99.00-113.00 - 102.00-114.00 400-500 96.50-104.00 109.00-112.00 80.00- 85.50 87.00- 98.00 500-600 91.00-100.50 91.00-100.50 84.50- 86.50 88.00- 99.00 600-700 79.00-84.00 79.00- 84.00 - - 700-800 78.00-79.50 78.00- 79.50 - -

HOLSTEIN STEER 75 HEAD MED & LARGE 2 300- 500 77.00- 87.00 500- 700 68.00- 71.50

HEIFERS 128 HEAD HEIFERS MED&LGE 1 SMALL 1 MED & LARGE 2 200-300 - - 85.00- 88.00 300-400 82.00-93.00 75.00- 81.00 82.50- 88.50 400-500 77.00- 86.50 72.00- 76.50 81.50- 86.50 500-600 78.50- 85.00 70.00- 74.00 75.00-76.00 600-700 70.00- 79.00 - -

BULLS 77 HEAD BULLS MED&LGE 1 SMALL 1 MED & LARGE 2 300-400 94.00-103.00 - - 400-500 89.00- 97.00 85.00- 87.50 87.00- 93.50 500-600 80.00-83.00 - -

COWS RETURNED TO FARMS 24 HEAD - M&L-2 8-10 YRS 800-900 LBS $41.50-48.00/CWT. M&L-2 4-8 YRS 750-900 LBS $48.00-53.00/CWT. M&L-1 8-12 YRS 900-1100 $42.00-54.50/CWT.

COWS WITH CALVES AT SIDE 10 HEAD - M&L-1 8-10 YRS 900-1100 W/C 80-140 LBS $620.00-700.00. M&L-2 8-12 YRS 850-950 W/C 100-200 LBS $570.00-600.00. M&L-2 10-15 YRS 800-950 LBS W/C 60-100 LBS $470.00-550.00.

HEIFERS (BRED) 4 HEAD - 650-800 LBS $51.50-62/CWT

BABY CALVES RETURNED TO FARMS 15 HEAD - NEWBORN TO 4 WKS $82.00-105.00 100 LBS+ $100.00-132.50/CWT.

RICHMOND VA FED STATE APRIL 15, 1993 ORANGE AUCTION ON 14-APR-93

SLAUGHTER CATTLE 149 HEAD SLAUGHTER STEERS & HEIFERS 15 HEAD HEIFERS SELECT 2-3, 850-1100 LB. 61.00 - 69.00 SLAUGHTER COWS 112 HEAD COWS CUTTER & BONING UT. 1-3 44.00 - 49.00 HIGH DRESSING 51.00 - 52.00 BREAKING UT. & COMM. 2-4 45.00 - 50.00 HIGH DRESSING 51.00 - 52.00 CANNER AND LOW CUTTER 1-2 38.00 - 45.00 SLAUGHTER BULLS 10 HEAD BULLS Y.G. 1-2, 1300-1600 LB. 56.00 - 62.00 Y.G. 1-2, 1600 LBS. & OVER 58.00 - 63.00 SLAUGHTER CALVES & VEALERS 12 HEAD CALVES GOOD AND CHOICE, 250-500 LB. 78.00 - 83.00

FEEDER CATTLE 320 HEAD

STEERS MED&LGE 1 200-300 98.00-105.00 300-400 95.00-103.00 400-500 93.00-103.00 500-600 85.00-93.00 600-700 78.00- 88.00 700-800 78.00- 85.00

HOLSTEIN STEER MED & LARGE 2 300- 500 75.00

HEIFERS MEDIUM 1 LARGE 1 300-400 80.00- 85.00 80.00- 85.00 400-500 78 00- 82.00 82.00- 85.00 500-600 75.00- 79.00 78.00- 81.00 600-700 70.00- 74.00 72.00- 75.00

BULLS MED&LGE 1 200-300 95.00-103.00 300-400 90.00- 96.00 400-500 84.00- 89.00 500-600 75.00-81.00 600-700 65.00- 69.00

(Turn to Page A12)

See Your White-New Idea Dealer Listed Below.

New Jersey
Bridgeton
Leslie G. Fogg Inc.
Columbus
Reed Brothers Equipment
Shiloh
Farm Rite Inc.

Pennsylvania
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Miller Equip. Co.
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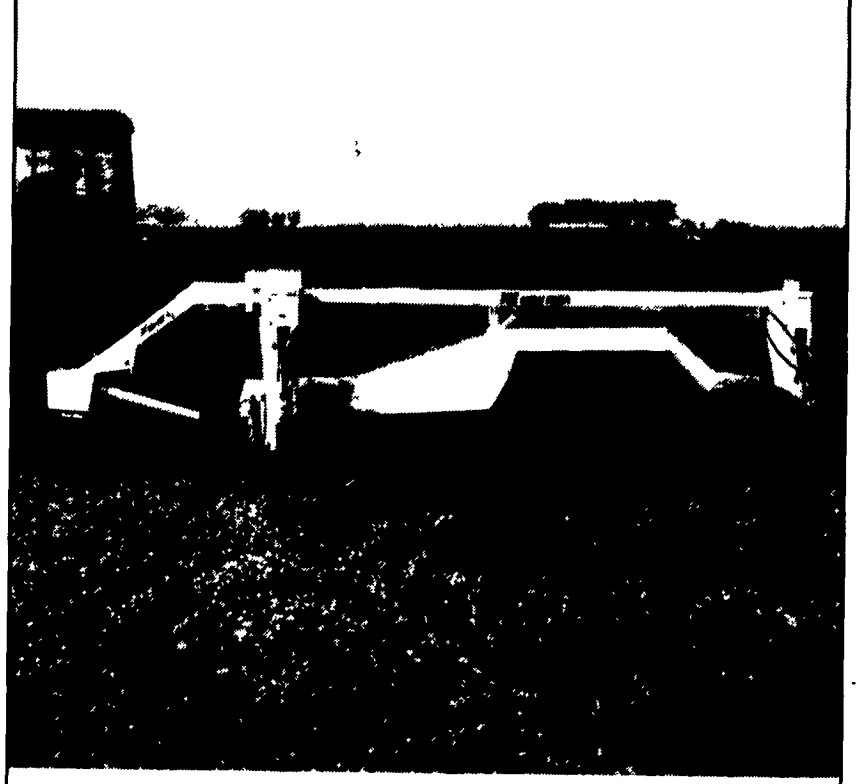
Cuts more than hay. Cuts time.



New Idea 5212 Disc Mower Conditioners cut a big 11'9" swath and condition with 9'6" intermeshing rolls. It's a wider version of our well-known 5209. With it, you cut and condition lots of hay...every trip. And that means you cut time.

Because the New Idea modular disc cutterbar design makes routine maintenance simple and, although unlikely, repairs a breeze; there's less downtime, too.

Best of all, you'll find our disc mower conditioners are just one segment of our hay equipment line. Others include round balers, disc mowers, sickle mowers and mower conditioners, rakes and hay handling equipment.

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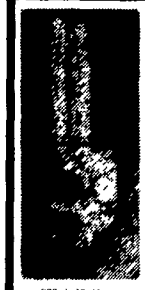

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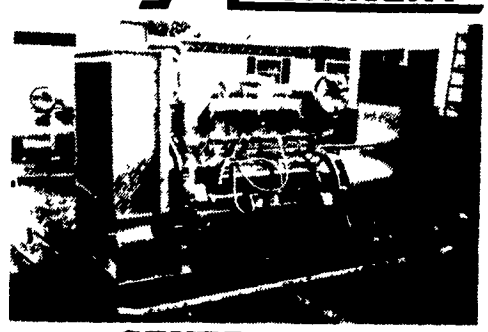

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Lancaster Farming

OPINION

Growing Better Every Day

The American food and agriculture system is very diverse. Ronald Hostetler, County Extension Agent, Ebensburg, says it represents nearly 16 percent of the Gross National Product and provides an estimated 21 million jobs. We spend only 10 percent of our disposable income on food.

Even though the American food and agriculture system is one of the world's richest resources, it is often taken for granted, and sometimes misunderstood. We've forgotten what a production miracle the industry really is. We've forgotten what an extraordinary system it has become, known for variety, abundance, dependability and quality.

Technological advancement is one reason why America's food and agriculture system is a leader in the world marketplace. It is so advanced an respected that many foreign governments are turning to American professionals for assistance.

One key to American agriculture's efficiency and productivity has been an openness to new ideas. The industry keeps discovering new and better methods of producing food and fiber products.

American farmers have also improved their production through sheer determination and an old-fashioned spirit of community cooperation. When the first threshing machines came out, for example, they were too costly for individual farmers to buy. Fed up with the tedious process of hand-threshing, groups of farmers pooled their resources and bought one machine to share. This dramatically improved production because farmers increased their yields and efficiency.

Our openness to new ideas continues today and research projects play such an important role. The industry is continually looking for ways to improve or modify foods so everyone can enjoy them, develop leaner cuts of meat, prolong shelf life of foods, change the composition of produce for transportation, and discover new uses for agricultural products.

But there is always room for improvement, and the industry needs to do a better job communicating with consumers. As technology grows more advanced, and more people move away from life on the farm, consumers often have a limited understanding about food and agriculture.

The industry has to reach out and educate more people on what we do to provide them with an abundant supply of wholesome food, consistently and affordably.

We must continue to safeguard and protect the environment. Because our natural resources are so important to our well-being, we have to be ever more vigilant about using new technology responsibly and wisely.

And the industry must continue to develop new ideas, concepts and technological advancements so it can provide quality products at affordable prices to consumers every day.

We have to make certain that our food supply keeps growing better every day. We can't fall prey to outdated methods. We must continue the American tradition of innovation and cutting edge technology.

NOW IS THE TIME

By John Schwartz
Lancaster County Agricultural Agent

To Be Aware Of Consumer Concerns

Agriculture has enter a new arena. Society is no longer willing to give farmers a blanket exemption to laws regarding the environment, food safety, labor, etc.

To be farming in the future, farmers must be more sensitive to consumer wishes and be producers of high quality products. The recent debate on BST is placing agriculture under the microscope again. To maintain our markets, we need to make sure we are producing raw products without illegal residues. Then we must inform the consumer how we are producing high quality food.

The incidence of illegal drug residues in slaughter animals declined in 1991 compared to 1990. However, one case of illegal drug residue is to many. The most frequent cause of drug residue is the failure to adhere to withdrawal time. Injections given by the owner is the most frequent scenario.

If we are to maintain consumer confidence, reduce rules and regulations, and stay in business, we must produce quality products free of residues.

Food safety is a major consumer issue. If we cannot as an industry police ourselves, consumers will demand government do it for us.

The choice is ours. By practicing what we preach and being good neighbors will be taking a big step forward in addressing the consumer concerns of the 1990s.

To Support Advertising

One of the ongoing debates in agriculture is the value of commodity advertising.

Too often we become involved in the day-to-day work of farming, and we do not see the merit of advertising. The commodity groups that have a well-supported advertising campaign are doing an excellent job of promoting the product. In addition, advertising is shaping the image of farmers.

Everyone is competing for the consumer's attention. Purchases are made based on needs and concerns. To compete for these limited purchases involves advertising.

Many public decisions are based on the knowledge and image people have on the issue. Advertising helps to tell the agricultural story.

A well-planned and financed advertising program is very effective for a small group of people to tell everyone their message. By banding together and working together, we will do a better job of telling people the important role farmers play in our society and the excellent quality food they are producing.

So the next time the question of commodity advertising comes up, stop and think about all the good messages your ads are telling people. Remember, advertising pays.

To Check Wells

Bacterial contamination affects more than 50 percent of the private wells in Pennsylvania. The quality of well water is often determined by the care taken in constructing the well.

If surface water enters an improperly constructed well, it may travel down the well casing and contaminate the groundwater. During the recent rains, 75 percent of the farm wells tested by one company were contaminated.

To prevent surface water from entering the casing, a mixture of cement or grout should be forced into the space between the well casing and the borehole. This process is called grouting. The grout or cement should extend from the surface to bedrock. The cost of grouting a typical well will range from $200-$500 depending on the depth of the well.

Less than 20 percent of the residential wells in Pennsylvania are grouted. This relatively inexpensive procedure may save the cost of water treatment and ensure a clean water source.

Feather Prof's Footnote: "Quality products and quality service begin with quality thinking."

Farm Calendar

Saturday, April 17

Chester Co. Farmers Union spring breakfast, Southern Chester County Sportsmen's and Farmers' Assoc., 10 a.m.

Sunday, April 18

Monday, April 19

Clearfield Co. Conservation Tillage Field Day, Orner Farm, Home Camp, 1 p.m.

Pennsylvania State Grange legislative banquet, Sheraton Inn East, Harrisburg, 6:15 p.m.

Tuesday, April 20

Ephrata Area Young Farmers Association monthly meeting, "Food Watch and Better Living Program," Ephrata H.S. Audion Room, 7:45 p.m.

Wednesday, April 21

Ephrata H.S. Ag In the Classroom program, thru April 22.

Thursday, April 22

Milk marketing meetings, Marketing Milk Under Federal Orders In Pa., Wayne Co. extension, Courthouse, Honesdale, 8 p.m.

Friday, April 23

3rd Animal Poultry Science Club dinner and awards banquet, Days Inn, Penn State, 7 p.m.

Clearfield Co. Grazing Tour, Multi-Service Center, Clearfield, 9 a.m.

Saturday, April 24

Home Horticulture Seminar, Pansy Trial Day/Idea Garden Tour, Farm and Home Center, 9 a.m.-noon.

Windmiller's Trade Fair, Trinity Acres, Federalsburg, Md.

Mifflinburg Young Farmers Toy Show and Winross Truck Sale.

N.W. Pa. Polled Hereford Association Show and Sale, Mercer Co. 4-H Park, Mercer, show 2 p.m., sale 7 p.m.

Old Time Plow Boys Club Spring Plowing Show, Seidel Farm, Mertztown, thru April 25.

Arabian Horse Mini Fair, York Fairgrounds, 9 a.m.-5 p.m.

(Turn to Page A31)

Farm Forum

Editor:

I find it very interesting that the milk prices in Towanda have fallen 36¢. It does indeed show that the lower prices paid to farmers, do get passed on to the consumers. Despite the fact that many critics have been telling us they don't.

"Hooray" for the consumer! Concerning the M and W price series, it does not matter what the price is based on, if it is pre-active or pro-active, just as long as it, on the average does come to what the

(Turn to Page A31)

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

PROVE IT!
April 18, 1993

Background Scripture:
John 21.
Devotional Reading:
John 21:1-14.

We begin where we left off last week: in the midst of the resurrection appearances of the Risen Christ. Once again we can see in John 21 that there was something numinous (mysterious, surpassing comprehension) about this experience. John says, "Just as the day was breaking, Jesus stood on the beach; yet the disciples did not know that it was Jesus" (21:4).

Even after the miraculous draft of fish and the exclamation, "It is the Lord", even after they came ashore to eat breakfast with him, there is an air of enigma: "Now none of the disciples dared ask him, "Who are you"? They knew it was the Lord (21:12). Ah, but if they really "knew" it factually, why would they have even thought to ask "Who are you"? Actually, they "knew", not by fact, but by faith.

HOW MUCH?

There is an interesting parallel in this chapter. All the gospels agree that, as Jesus predicted, on the night in which Jesus was betrayed, Peter denied him three times. Now, Peter and Christ are together again and three times he is questioned about his faith and challenged to commit himself: "Simon, son of John, do you love me more than these?" "Simon, son of John, do you love me?" "Do you love me?"

Simon Peter and the other disciples have seen the Risen Lord and now believe in him, but how much do they believe? They profess their love, but how much do they love him? Inside, Peter may have been saying to himself, Lord, just tell me what to do to prove my love and I'll do it; I won't let you down as I did before. And Christ's response, although using slightly different words each time, makes it clear, how to prove their love: "Feed my lambs... Tend my sheep... Feed my sheep". If you love me, you can prove it by helping those whom I would myself help — the sick, blind, lamb, dumb, and distressed. Remember, back in John 13 Peter had made a ringing declaration of loyalty: "I will lay down my life for you!" (13:37). It was then that Jesus predicted, "will you lay down your life for me? Truly, truly, I say to you, the cock will not crow, till you have denied me three times". It was a prediction that was all too true. So, now that Peter is proclaiming his love and loyalty again, "Yes, Lord you know that I love you", what assurance do we have that Peter will not forsake the Lord again? None.

FOLLOW ME!

But this time, instead of predicting Peter's denial, Jesus predicts what Peter's declaration is going to cost him: "...when you are old you will stretch out your hands, and another will gird you and carry you where you do not wish to go" (21:18). And John adds parenthetically," (This he said to show by what death he was to glorify God.)". If we love the Lord we can prove it only by giving ourselves in service to others, even to the point of death if need be. As the cross was the measure of Christ's love for us, so it is the measure of our love for him.

John says, "And after this he said to him, "Follow me". With that command, Peter is restored to his role as a disciple. It is the third time Jesus has invited him to "follow me" — when he was first called to discipleship, at his confession of Christ at Caesarea Philippi, and now once again after his terrible lapse of loyalty.

Like Peter, all of us fail Christ at times in our lives. We need to remember this incident in John 21 and realize that our failure of loyalty is not the last word. The last word is "Follow me!" and the opportunity to once again prove our love for him.

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3 ROOFING OPTIONS

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40' x 56'-12'	$7,003	$7,295	$7,076
40' x 64'-12'	$7,803	$8,128	$7,884
40' x 72'-12'	$9,115	$9,495	$9,210
56' x 64'-14'	$12,744	$13,275	$12,877
56' x 80'-14'	$14,665	$15,275	$14,817
56' x 88'-14'	$16,123	$16,795	$16,291

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GIS EXTERIOR YP	16.19	18.99	23.19	25.99
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1"x10"	3.90	5.20	6.50	7.80	9.10	10.40

• Can be used interior or exterior

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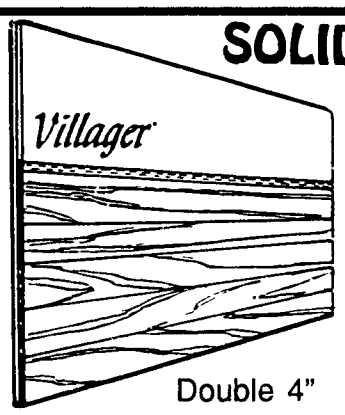

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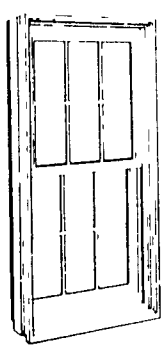

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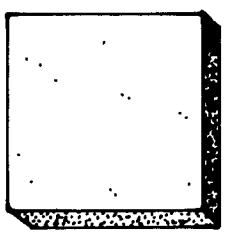

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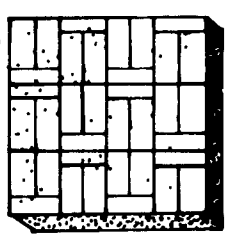
•2" thick
18" x 18".. $3.99
24" x 24".. $6.69



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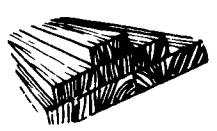

DIMENSION LUMBER

SPF

	8'	10'	12'	14'	16'	18'	20'
2"x4"	2.59	3.53	3.92	4.81	5.92	7.02	7.80
2"x6"	3.96	4.95	5.94	7.07	8.56	10.44	11.60
2"x8"	5.49	6.87	8.40	9.80	11.73	14.16	15.73
2"x10"	5.87	7.33	11.90	14.82	16.27	19.50	21.67
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(Continued from Page A9)

RICHMOND VA FED STATE APRIL 15, 1993 SMITHFIELD AUCTION ON 14-APR-93

SLAUGHTER HOGS 206 HEAD BARROWS AND GILTS US 1-3, 200-250 LB. 37.00 - 42.00 US 2-4, 250-300 LB. 37.00 US 1-3, 180-200 LB. 37.00 - 37.50 US 2-4, 300+ LB. 35.00 - 39.00 SOWS US 1-3, 300-500 LB. 33.90 - 37.90 US 1-3, 500 LBS. & OVER 39.00 - 41.75 BOARS 300-600 LB. 33.00 - 34.50

SLAUGHTER CATTLE 23 HEAD SLAUGHTER STEERS & HEIFERS 15 HEAD Y.G. 2-3 1000-1150 LB. 73.00 - 75.00 SLAUGHTER COWS 5 HEAD COWS BREAKING UT. & COMM. 2-4 38.50 - 39.50 SLAUGHTER BULLS 3 HEAD BULLS Y.G. 1-2, 1300-1600 LB. 57.00 - 58.75

LAMBS TOTAL RECEIPTS 15 HEAD SLAUGHTER LAMBS 5 HEAD FEEDER LAMBS 5 HEAD EWES & RAMS 5 HEAD EWES ALL GRADES 17.00 - 20.00 GOATS 8 HEAD YEARLING GOATS - YEARLING 25.00 - 26.00

FEEDER CATTLE 56 HEAD STEERS 17 HEAD STEERS MED&LGE 1 MED & LARGE 2 300-400 - 91.00-111.00 500-600 74 00- 81.00 - 600-700 75.00-79.00 -

HEIFERS 15 HEAD HEIFERS MED&LGE 1 300-400 73.00- 77.00

BULLS MED&LGE 1 SMALL 1 400-500 81.00- 86.00 - 500-600 - 65.00-73.00 600-700 - 60.00- 64.00

Central U.S. Carlot

Beef Report
April 14, 1993
Report supplied by USDA

CENTRAL U.S. CARLOT BEEF REPORT (INCLUDES THE MAJOR PRODUCTION AREAS IN THE MIDWEST AND TEXAS) AS OF 3:00 P.M.. COMPARED TO TUESDAY'S 3 P.M. REPORT: BREAKING UTILITY CARCASSES 3.00 HIGHER; BONING UTILITY STEADY; CUTTER NOT ESTABLISHED. DEMAND LIGHT TO MODERATE LIGHT OFFERINGS.

COW AND BULL CARCASSES
FOB OMAHA BASIS
7 LOADS REPORTED

UT,BRK 2-4, 450 & UP, 2 LOADS, RANGE 85.00, LATEST ESTB. MKT. 85.00

UT, BNG 1-3, 400 & UP, 5 LOADS, RANGE 89.00, LATEST ESTB. MKT. 89.00.

CUTTER 1-2 350 & UP, LATEST ESTB. MKT. 95.00 C.

YG1, LATEST ESTB. MKT. 102.00 A.

BONELESS PROCESSING BEEF/ BEEF TRIMMINGS
205 LOADS REPORTED

FRESH 90% BONELESS BEEF 3 00-4.00 HIGHER; 85% 4 50-6.00 HIGHER; 75% FIRM; 65% GENERALLY STEADY DEMAND MODERATE FOR LIGHT OFFERINGS. BEEF TRIMMINGS LOWER ON FAIRLY GOOD DEMAND AND MODERATE TO HEAVY OFFERINGS

90% FR, 25 LOADS, RANGE 126.0-128 5, WT. AVG 127 06

90% FZ, 5 LOADS, RANGE 125 0-126 0, WT. AVG. 125.80

85% FR, 4 LOADS, RANGE 116 50-120 00, WT. AVG 117.75.

85% FZ, RANGE 118 0, WT. AVG. 118.00 A

75% FR, 7 LOADS, RANGE 101 0, WT AVG 101 00

75% FZ, UNQUOTED

65% FR, 13 LOADS, RANGE 84 00-87 00, WT. AVG 85 54

65% FZ, UNQUOTED.

50% FR, 100 LOADS, RANGE 61 00-65.00, WT. AVG. 63.50

50% FZ, 8 LOADS, RANGE 65 00-66 00, WT AVG 65 13

50% BX, UNQUOTED.

BULL 92-94, RANGE 143.0, WT AVG. 143.00 A.

FOB EAST TX AND OK

90% FR, 27 LOADS, RANGE 128.0-128.5, WT. AVG. 128.22.

90% FZ, 2 LOADS, RANGE 128.0, WT. AVG. 128.00.

85% FR, UNQUOTED.

85% FZ, UNQUOTED.

75% FR, 2 LOADS, RANGE 102.0, WT. AVG. 102.00.

75% FZ, UNQUOTED.

65% FR, 2 LOADS, RANGE 86.00, WT. AVG. 86.00.

65% FZ, UNQUOTED.

BULL 92-94 UNQUOTED.

CAF NORTHEAST AREAS

90% FR, 10 LOADS, RANGE 130 0, WT. AVG. 130.00.

90% FZ, UNQUOTED.

85% FRESH, UNQUOTED.

85% FZ, 75% FR, 75% FZ, 65% FR AND 65% FZ, UNQUOTED.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

Westminster Livestock

Hagerstown, Md.
April 13, 1993
Report supplied by auction

SLAUGHTER COWS: 1.00-2.00 HIGHER. UTILITY 47.00-51.00; HIGH DRESSING 51.00-54.00, 1 AT 55.75; CANNERS 43.00-47.00; SHELLY 43.00 DOWN.

BULLS: YG#1 1700 LBS. AT 61.00; YG#2 57.00-59.00; 1 2640 LBS. AT 55.00.

FED STEERS: NO HIGH CHOICE OR PRIME; LOW CHOICE 1100-1400 LBS. 73.00-75.00; SELECT 66.00-72.00; HIGH CHOICE HOL 1200-1400 LBS. 70.00-71.00; LOW CHOICE 64.00-67.00; SELECT 57.00-63.00.

FED HEIFERS: FEW CHOICE 900-1100 LBS. 72.75, 1 1300 LB. AT 75.75; SELECT TO 69.75.

VEAL CALVES: CHOICE 200-300 LBS. 89.00-101.00; LOW CHOICE 310-350 LBS. 79 00-81.00; CULLS FEW 60-90 LBS. 35.00-42.00; WEAK/ROUGH 35.00 DOWN.

FARM CALVES: HOLSTEIN BULLS #1 95-120 LBS. 135.00-150.00; 80-90 LBS. 90.00-125.00; HOLSTEIN HEIFERS FEW 110 LBS. TO 225.00; BEEF X HEIFERS TO 130.00; BEEF X BULLS 80-100 LBS. TO 155.00; 150-190 LBS. TO 137.00.

BUTCHER HOGS: US#1&3 1 LOT 210 LBS. AT 43.75; 215-260 LBS. 40.50-42.00; 275 LBS. TO 37 50; 200-215 LBS. 37.00-40.00.

STOCK CATTLE: 207 HEAD. STEERS 300-500 LBS. 85.00-95.00, FEW TO 106.00; 500-700 LBS. 74.00-88.00; 700-900 LBS. 68.00-78.00; 900-1050 LBS. 64 00-76.00.

HEIFERS: 300-500 LBS. 70.00-83.00; 500-700 LBS. 64 00-78 00; 700-900 LBS. 58.00-67.00.

BULLS: 300-500 LBS 80.00-90 00; 500-700 LBS. 73.00-83.00, 700-800 LBS. 60 00-74.00; 900-1000 LBS. 55.00-67.50.

LAMBS: 150 HEAD CHOICE SPRING 90-110 LBS. 80 00-86.00; 70-90 LBS 80.00-88.00, 60-70 LBS. 94 00-105.00; 50-60 LBS 95.00-117 00; 30-50 LBS. 92.00-120.00, 20-30 LBS. 77 00-82.00

SHEEP: 40 HEAD 20.00-40.00; YEARLINGS 45.00-65.00.

GOATS: 85 HEAD. LARGE 65.00-100.00; MEDIUM 35.00-55.00, SMALL FLESHY 28.00-40.00; KIDS 10.00-25.00.

PIGS AND SHOATS: 60 HEAD, GOOD DEMAND. BY THE HEAD FROM TESTED HERDS. 20-30 LBS 16.00-26.00; 40-60 LBS. 25.00-31.00; 1 LOT 65 LBS. AT 50.50.

SOWS: 300-500 LBS. 35.00-40.00, 500-600 LBS. 42.00-44.50.

BOARS: 400-700 LBS. 34.00-35.00, 195-275 LBS. 34.00-35.25.

NEXT TUES., APRIL 20, SPECIAL FEEDER CATTLE SALE.

Isennock Auction

New Park, PA
April 12, 1993
Report supplied by auction

SLAUGHTER COWS: 51 00 & DOWN.

FEEDER STEERS: 480 LBS. 83.00 AVG.

FEEDER HEIFERS: 395-480 LBS. 71.00-75.00; 780 LBS. HOL X 58.00.

FARM CALVES: 120-135 LBS 128.00-145.00; 110-115 LBS. 137.00-155.00; 90-100 LBS 102.00-157.00; 80-85 LBS. 92.00-97.00, WEAK AND ROUGH 55.00 AND DOWN.

HEIFER CALVES. 1 AT 225 LBS 99 00.

SHEEP: 140-230 LBS. 19 00-21.00

GOATS: MEDIUM 40 00-67 00 HEAD

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SPECIAL GRADED
FEEDER CATTLE SALE
Friday, April 30, 1993

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55 Head - Black, Black/White Faces Weighing 500 To 600 Lbs.
45 Mixed Breeds - Weighing 500 To 600 Lbs.
25 Black, Black/White Faces Weighing 400 To 700 Lbs.
25 Holstein Weighing 400 To 700 Lbs.

30 Head From Snyder Co.- White Face Weighing 500 To 650 Lbs.
100 Head Out Of Western Pa.- Black Black/White Faces. Weighing 700 To 800 Lbs.
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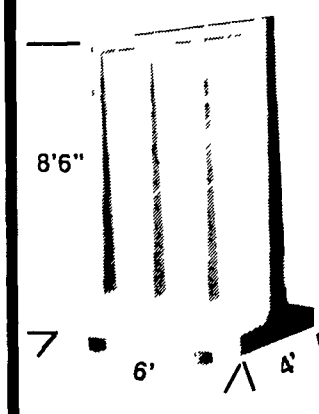

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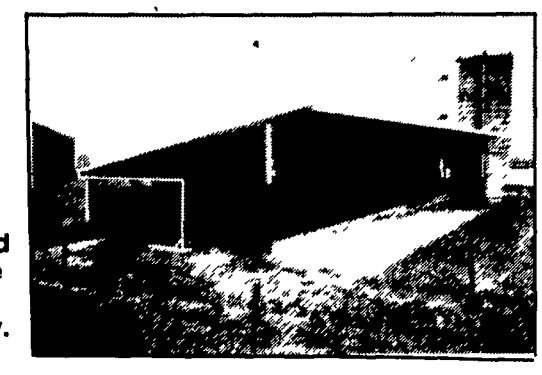
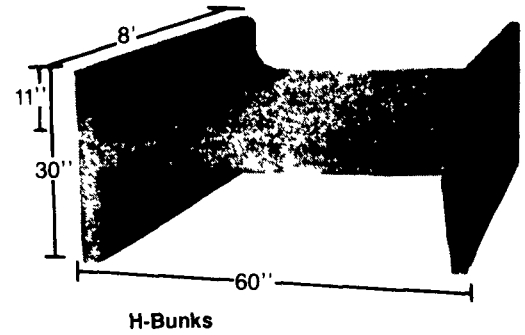
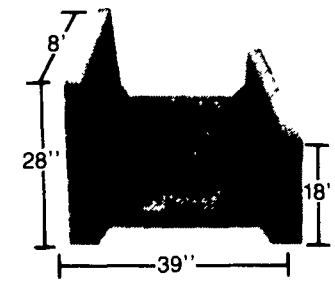


Slatted Heifer Barn



H-Bunks



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- Hog & Cattle Slats
- Bunker Silos
- Concrete Hog Penning
- Concrete Post & Beams

Phila.
Fruit Market
PHILADELPHIA
Terminal Prices as of 14-APR-93

CLEAR 43-63

CITRUS FRUITS ---GRAPEFRUIT: MARKET ABOUT STEADY ctns CA Ruby Red 23s fr cond 4.00-5.00 White 40s fr qual 6.00 48s fr qual 6.00 4/5 buctns BA Star Ruby 23s 10.00 27s 7.00 32s 7.00 40s 7.00 56s 7.00 FL Indian River Red 18s 10.50 23s 10.00-10.50 one lot 7.50 27s 10.00-11.00 mostly 10.00 one lot 7.50 fair qual 6.50-6.75 32s 8.50-10.00 mostly 9.00 fair qual 6.00-7.00 mos 6.50-6.75 36s 7.50-9.50 mostly 8.00 fair qual 6.00-7.00 mos 6.50-6.75 40s 7.00-8.50 mostly 7.50-8.00 fair qual 6.00-7.00 mos 6.50-6.75 48s 7.00-8.00 fair qual 6.00-7.00 mos 6.50-6.75 56s 6.00-7.50 one lot 5.50-6.00 Interior Red 40s 6.00 48s 5.00-5.50 fair cond 23-48s 3.00-4.00 Star Ruby 40s 8.00 56s 7.50 White 27s 4.50-5.00 32s 4.50-5.00 40s 4.50-5.00 Star Ruby 27s fr cond 6.00-7.00 White 23s 5.00-6.00 27s 5.00-6.00 32s 5.00-6.00 36s 5.00-6.00 40s 5.00-6.00 48s 5.00-6.00 ---LEMONS: MARKET STEADY ctns CA 95s fr qual 12.00-13.50 115s fr qual 12.00-14.00 140s 18.00-19.50 mostly 18.00 fr qual 15.00-16.00 mos 16.00 few 16.50 165s 18.00-19.50 fr qual 17.00-18.00 few hgr 200s 18.00 ---LIMES: MARKET ABOUT STEADY 10 lb ctns MX Seedless Type 48s 12.00 54s 10.50-12.00 63s 10.50 ---MISC CITRUS: TOO FEW SALES TO QUOTE ---ORANGES: MARKET ABOUT STEADY ctns CA Navel 48s 12.50 56s 12.00-12.50 fair qual 9-9.50 mos 9.00 72s 12.00-12.50 few 13.00 fair qual 9-9.50 mos 9.50 88s 12.00-12.50 mostly 12.00 fair qual 8.00-9.50 113s 11.00-11.50 fair qual 7.00-8.00 mos 7.25-7.50 138s 10.00-10.50 fair qual 7.00-9.00 163s 9.50 4/5 buctns FL Valencia 56s 7.50 64s 6.00-8.00 80s 6.00-8.00 mostly 7.00 100s 6.00-8.00 mostly 7.00 125s 6.00-7.00 ---TANGELOS: NO SALES REPORTED ---TANGERINES: MARKET STEADY 4/5 buctns CA Kinnow mam 17.00 jbo 15.00 FL Honey 80s fr appear 16.00-22.00 150s 22.00 ---TEMPLES: MARKET STEADY 4/5 buctns FL 80s 11.00 100s 10.00

BERRIES ---BLUEBERRIES: OFFERINGS INSUFFICIENT TO QUOTE ---CRANBERRIES: OFFERINGS NONE ---MISC BERRIES: OFFERINGS LIGHT flts 12 5.6-oz flmwrpd cups GU AIR Blackberries 30.00 ---RASPBERRIES: MARKET LOWER flts 12 5.6-oz cups flmwrpd CL AIR Red 20.00-24.00 ---STRAWBERRIES: MARKET LOWER flts 12 1-pt bkts CA med-lge 10.00-12.00 few 14.00 lge 16.00 FL med fair appear 6.00-8.00 mos 6.00-7.00 MX med 8.00

MELONS ---CANTALOUPS: MARKET LOWER 1/2 ctns CR 9s 10.00-11.00 fair cond 8.00-9.00 12s 12.00-13.00 fair cond 9.00-10.00 15s 16.00 fair cond 13.00-14.00 18s 14.00 fair cond 10.00-12.00 GU 18s 18.00 14.00 1/2 crts MX 12s 15.00-16.00 15s 15.00-16.00 ---HONEYDEWS: MARKET ABOUT STEADY 2/3 ctns CR 5s 6.00-7.00 some 8.50 6s 6.00-8.00 some 8.50 8s 6.00-7.00 9s 5.00-6.00 ---MISC MELONS: OFFERINGS LIGHT 2/3 ctns GU Crenshaw 6s 8.00-10.00 8s 8.00-10.00 ---WATERMELONS: MARKET ABOUT STEADY ctns MX Jubilee 3s 28.00-30.00 Royal Sweet 3s 28.00-30.00

NON-CITRUS FRUITS ---APPLES: MARKET ABOUT STEADY ctns trypk CL Granny Smith 80s 14.00 100s 14.00 fair cond 11.50 CONTROLLED ATMOSPHERE STORAGE ctns trypk WA WAExFcy Red Delicious 80s 14.50-17.00 mostly 15.00-17.00 88s 14.50-17.00 mostly 17.00 one label 18.50-19.00 100s 14.50-16.00 one label 17.50 113s 16.00 125s 16.00 Golden Delicious 88s 19.00 100s 16.00 113s 14.00 Granny Smith 88s 16.00 U.S. ExFcy Red Delicious 80s 16.00 88s 16.00 100s 14.00 WAFcy Red Delicious 88s 13.00 100s 12.00-13.00 few 13.50 113s 12.00 125s 12.00 138s 12.00 ctns celpk NY Comb U.S. ExFcy-U.S. Fcy Mcintosh 80s 17.00 100s 16.00 U.S. One Mcintosh 80s 10.00 100s 9.00 120s 7.50 140s 7.50 ctns 12 3-lb flmbgs NY U.S. Fcy Mcintosh 2 1/4" ZBrjBr*j ---APRICOTS: OFFERINGS NONE ---AVOCADOS: MARKET ABOUT STEADY ctns 2 lyr CA Hass 48s 12.00-13.00 mostly 13.00 Pinkerton 36s 10.00 40s 10.00 ---BANANAS: 40 lb ctns IMPORT 13.50 fair qual 10.50-11.00 40 lb ctns bagged IMPORT 13.50 ctns institutional pk IMPORT 12.00 ---CHERRIES: OFFERINGS NONE ---FRUITS OTHER: NO SALES REPORTED ---GRAPES: MARKET STEADY 18 lb lugs bgd CL BOAT Thompson Seedless 20.00 ord cond 6.00-7.00 18 lb lugs wrpd CL BOAT Thompson Seedless 12.00-15.00 mostly 13.00-15.00 few 16.00 fair cond 9.00-10.00 ord cond 6.00-7.00 sml berry sz 12.00 lgr berry sz 18.00-20.00 mostly 19.00 Flame Seedless 13.00-14.00 fair cond 9.00-10.00 ord cond 3.00 Ruby Seedless 11.00-14.00 mostly 12.00 Red Seedless lge berry sz 14.00-16.00 fair cond 11.00-12.00 Ribiers 11.00-14.00 mostly 12.00 ord cond 4.00 Black Seedless fair cond 9.00-10.00 ord cond 7.00-8.00 Red Globe 20.00-21.00 some 16.00-17.00 ---KIWIFRUIT: MARKET STEADY flts 1 lyr CA 33s 5.50 CL 36s 5.00 39s 5.00 ctns lse CL 117s 12.00 ---MANGOES: NO SALES REPORTED ---NECTARINES: OFFERINGS INSUFFICIENT TO QUOTE ---PAPAYA: 10 lb ctns FL 9s 9.00 JM 9s 8.00-9.00 ---PEACHES: OFFERINGS INSUFFICIENT TO QUOTE ---PEARS: MARKET STEADY 40 lb boxs CL Packham Triumph 80s 14.00 Bosc 80s 15.00 fair cond 9.00 110s 16.00 fair cond 9.00 Red Bartlett 80s 12.00 100s 12.00 CONTROLLED ATMOSPHERE STORAGE 4/5 buctns wrpd OR U.S. One Bosc 70s 23.00 80s 23.00 100s 21.00 110s 20.00 WA U.S. One D'Anjou 80s 20.00 90s 20.00-24.00 100s 20.00-23.00 110s 18.00-22.00 ---PERSIMMONS: OFFERINGS NONE ---PINEAPPLES: ctns HI AIR 6s 12.00 ---PLANTAINS: OFFERINGS INSUFFICIENT TO QUOTE ---PLUMS: OFFERINGS LIGHT ctns/lugs 2-lyr CL BOAT Larry Anne 60 series 13.00-14.00 fair cond 5.00-6.00 ---POMEGRANATES: OFFERINGS NONE ---PRUNES: OFFERINGS NONE

Leola Produce Auction
Leola, PA
April 13 and 15, 1992
Report Supplied by Auction

POTATOES: 3.75-4.60 50 LBS.
SPINACH: 8.00-14.00 1 1/9 BU.
TOMATOES: HOTHOUSE 11.00-14.00 10 LBS.
TURNIPS: 7.00-8.50 1 1/9 BU.
SHRUBBERY: SPRUCE AND PINE 6.00-13.50 EACH, WEEPING JAPANESE CHERRY 15.00-35.00 EACH.
ARBORVITAE: 5.50-11.50 EACH
JEPONICA 10.00-12 50 EACH
RHODODENDRON. 9.50-13.50 EACH.
UPRIGHT YEWS: 8 00-11.50 EACH.
BEDDING PLANTS: PANSIES 4 50-7 50 FLAT; ASSORTED 5.00-8.50 FLAT; DAHLIAS AND GERANIUMS 12.00-16.00 FLAT 12-15 CT.; PERENNIALS 10.00-13.00 FLAT; HANGING BASKETS 5.75-5.50 EACH.
VEGETABLE PLANTS: TOMATOES 4 50-6 00 FLAT, LETTUCE, CABBAGE, CAULIFLOWER AND BROCCOLI PLANTS 4.00-7.00 FLAT
BARK MULCH 1 65-2.00 2⅓ CU. FT. BAG
MUSHROOM SOIL. 1.35-1.50 BAG.
NEXT WEEK'S SALE DAYS MONDAY, THURSDAY AND FRIDAY, 11 A M

Phila.
Potato & Onion
PHILADELPHIA
Terminal Prices as of 14-APR-93

CLEAR 43-63

ONIONS AND POTATOES ---ONIONS DRY: MARKET YELLOW HIGHER, OTHERS ABOUT STEADY US#1 OR GENERALLY GOOD QUAL AND COND UNLESS OTHERWISE STATED. NEW CROP Yellow Granex TX 50 lb sks jbo 25.00 Grano MX 50 lb sks jbo 25.00-28.00 mostly 25.00 50 lb ctns jbo 25.00-28.00 TX 50 lb sks jbo 27.00 White MX 50 lb sks jbo 26.00 TX 50 lb sks jbo 30.00 Red MX 25 lb sks jbo 14.00-15.00 some 12.00 OLD CROP Yellow Globe Type NY 50 lb sks med 12.50-13.00 Spanish Hybrid ID/OR 50 lb sks rpkr sz 13.00 Red NY 25 lb sks med 6.00 ---POTATOES: MARKET STEADY US#1 SZ A WASHED OR BRUSHED UNLESS OTHERWISE STATED NEW CROP Round Red FL 50 lb sks 19.00-20.00 mostly 19.00 sz B 20.00 fair qual 14.00 Round White FL 50 lb sks 21.00 OLD CROP Russet Burbank ID bld 10 5-lb flmbgs non sz A 8.00-8.50 50 lb ctns 70s 16 50-18.50 mostly 18.00 80s 16.00-18 00 mostly 16.00-16.50 few 15.50 90s 12.00-14 00 mostly 12 00-13.00 few 11.50 100s 9.50-12 00 mostly 10.00-11.00 Round Red MN/ND 50 lb sks 7.25-9.00 sz B 10.00-12 00 mostly 11.00 Round White CD Prince Edward Island 50 lb sks 4.75-5.00 lge 5.50 LI 50 lb sks lge 6 00 ME 50 lb sks 5.00

Leinbach's Shippensburg Produce Auction
(717)532-5511
Shippensburg, PA
Average Prices Of #1 Produce
April 8, 10 and 13
Open 11 a.m. Tues.,Thurs. & Sat.
Report Supplied by Auction

APPLES: 1.75-4.00 ½ BU
POTATOES: 3 50-4 50 50 LB #1, 2.00-3.50 UNCLASSIFIED, 20 LBS #1 1.50-2.00.
TOMATOES MEDIUM AND LARGE 6.75-11.00 25 LBS.
SMALL POTTED PLANTS 10-1 25 EACH
FLOWERS· HYACINTHS, TULIPS AND GERANIUMS 1 00-2 50 EACH
BEDDING PLANTS. 4 00-6 50 FLAT.
AZALEAS· SMALL 2 50-3 75 EACH, LARGE 4 50-7 50 EACH
RHODODENDRONS MEDIUM TO LARGE 7.50-12 00 EACH
SHRUBS AND SMALL TREES 6 00-16 00 EACH

Kutztown Produce Auction
Fleetwood, PA
April 10, 1993
9:00 A.M. Sat.
Report Supplied by Auction

POTATOES 2 25-4 00 50 I B BAG
APPLES 3 00 ½ BU

MEAT MATTERS MOST

HOME BRED lambs like these have been winning for me and my buyers in the Mid-Atlantic area. They LOOK GOOD. They HANDLE GOOD. They CUT GOOD.

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WESTFALIA Vacuum Pumps

Westfalia RPS 2800 Base-Mounted With Oil Reclaimer
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- Rugged Durability
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New LOBE AIR VACUUM PUMPS 5 To 25 HP

Westfalia RPS 5600 Base-mounted Vacuum Pump
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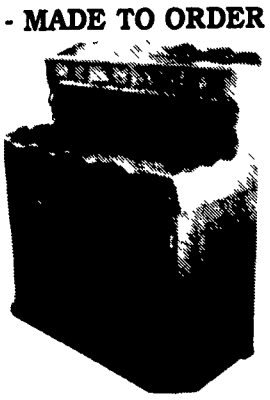

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Four States Livestock

Hagerstown, Md.
April 14, 1993
Report supplied by Auction

SLAUGHTER COWS: 130 HEAD, 1.00-2.00 HIGHER. UTILITY 47.00-50.50; HIGH DRESSING TO 52.25; CANNERS 43.00-47.00; SHELLY 43.00 DOWN.

BULLS: YG#1 1590 LBS. AT 69.75; FEW 63.00-64.00; YG#2 58.00-61.00.

FED STEERS: HIGH CHOICE AND PRIME 1100-1450 LBS. 81.00-85.25; 1500-1650 LBS. 78.00-83.50; CHOICE 1200-1400 LBS. 75.00-79.00; LOW CHOICE 69.00-74.00.

FED HEIFERS: HIGH CHOICE 1050-1200 LBS. 75.00-77.00; CHOICE 1200-1400 LBS. 71.00-73.00.

VEAL CALVES: HIGH CHOICE 200-300 LBS. 95.00-105.00; GOOD 80.00-95.00; CULLS 50-100 LBS. 35.00-42.00; WEAK/ROUGH 30.00 DOWN.

FARM CALVES: HOLSTEIN BULLS 10 00-15 00 LOWER. #1 90-120 LBS. 125.00-141.00; 80-90 LBS. 90.00-120.00; SOME 70.00-90.00; HOLSTEIN HEIFERS 90-120 LBS. TO 170.00; 70-90 LBS. TO 115 00; BEEF X BULLS TO 165.00; HEIFERS TO 162.00.

BUTCHER HOGS: US#1&2 235 LBS. TO 43 85; 215-260 LBS. #1&3 TO 42.00; 200-215 LBS. 38.00-40.50; 260-290 LBS. 35 00-39 00; 300-400 LBS 34.00-36.00

SOWS: 300-500 LBS. 35.00-39.25; 500-700 LBS. 41.00-43 00.

BOARS: 400-650 LBS. 33.75-34.50.

STOCK CATTLE: 363 HEAD. STEERS 200-400 LBS. 85.00-105.00, FEW 110.00-116.00; 400-600 LBS. 80 00-93.00, 600-700 LBS. 75.00-88.00; 700-800 LBS 70.00-82.00; 800-1000 LBS 63 00-73 00.

HEIFERS: 300-500 LBS 73.00-86.00; 500-700 LBS. 67 00-77.00, 700-900 LBS 60 00-74.00.

BULLS: 200-400 LBS. 87.00-99.00, FEW 110.00-116.00, 400-600 LBS. 75 00-87.00; 600-800 LBS 64.00-73.00

DAIRY REPLACEMENTS: FEW GOOD OFFERED. FEW MEDIUM TO LARGE SPRINGERS 750.00-975.00, OPEN HOL HEIFERS 300-500 LBS. 70.00-85.00; 500-700 LBS. 65.00-75.00; 700-900 LBS. 60.00-77.00; 900-1050 LBS. 56.00-71.00; REG HOL BULL 1050 LBS AT 1000.00.

SHEEP: 15.00-30.00.

LAMBS: FEW SPRING 35-45 LBS TO 102.00.

GOATS: MEDIUM TO LARGE 35.00-65.00; SMALL KIDS TO 24.00.

PIGS AND SHOATS: NONE OFFERED; NEWXT WEEK 4/21, PROMISED 20-25 PIGS 40-60 LBS. FROM TESTED HERED-CHANGED AND WORMED.

STOCK BOARS: 220-280 LBS. 34.00-36.50.

SELLING NEXT WED., APRIL 21: 1 REG. POLLED HEREFORD BULL 1100 LBS.; 13 LIM STEERS AND HEIFERS 400-550 LBS.; 25 X BRED PIGS 40-60 LBS. FROM TESTED HERD; 1 REG. HOL BULL, EXCELLENT 93 PT, 31,000 LB. MILK, MARK SON, FROM STANLEY DUNN.

New Holland Dairy

New Holland Sales Stables
Wednesday, April 14, 1993
Report supplied by auction

DAIRY COWS 91; HEIFERS 85 AND 5 BULLS. HEIFER MARKET STRONGER; COW MARKET STEADY

PENNSYLVANIA FRESH COWS 1200.00-1425.00, BETTER FRESH 1475.00-1850.00.

WISCONSIN FRESH COWS 1160.00-1250.00.

HERD OF 48 HEAD, ALL STAGE COWS 640.00-1275.00, BETTER COWS 1350.00-1425.00.

LOCAL COWS FRESH 670 00-985 00, BETTER FRESH 1175 00-1325 00

OPEN BREEDING-AGE HEIFERS 660.00-840.00.

SPRINGING HEIFERS 830.00-1160.00.

SHORT-BRED HEIFERS 850 00-1100.00.

SMALL OPEN HEIFERS 460.00-580.00.

BULLS 685 00-770 00, PUREBREDS 790 00-1025 00

Leesport Livestock Auction

LEESPORT, PA
April 14, 1993

CATTLE 259.. PDA ... Supplied included 81 sl. steers and heifers, 48 feeder cattle ..Compared with last Wednesday's market: sl. steers steady to 2.75 higher; sl. cows 1.00 to 2.00 higher. STEERS: few High Choice and Prime 1105/1385 lbs. 80.00-84.00, Choice 1035/1365 lbs. 75.00-81.50, Select 76.75-78.75, few Standard 62.00-74.75. HOLSTEINS: Choice 1375/1540 lbs. 71.00-75.00, Select 66.00-71.75, few Standard 62.00-67.75. HEIFERS: few Choice 1140/1315 lbs. 77.75-79.75, one Select 65.00, few Choice Holstein heifers 1235/1400 lbs. 64.50-67.75. COWS: Breaking Utility and Commercial 50.75-54.00, one 55.75, Cutter and Boning Utility 46.00-52.75, couple to 53.50, Canner & low Cutter 42.50-47.75. Shells down to 39.00. BULLOCKS: one Choice 71.50, Select 62.50-68.00, Choice and Select Holsteins 60.75-63.75. BULLS: few Yield Grade No. 1 1310/1785 lbs. 56.25-62.50, few No. 2 1040/2065 lbs. 52.00-56.00. FEEDER CATTLE: Large Frame No. 1 & 2 390/810 lbs. steers 63.00-70.00, few to 77.00, few Medium Frame No. 1 & 2 540/920 lbs. 64.50-68.00, Large Frame No. 1 520/800 lbs. heifers 65.50-74.50, few to 80.00, Medium No. 1 375/782 lbs. 71.75-77.00, Large No. 2 460/585 lbs. bulls 63.00-71.00, Medium Frame 1 & 2 455/770 lbs. 66.00-78.00.

CALVES 204..Holstein bulls steady 20.00 lower. VEALERS: one Choice 96.00, Utility 65/110 lbs. 10.00-45.00, few Good and Choice 510/645 lbs. 65.00-70.00. RETURNED TO FARM: No. 1 Holstein Bulls 80/135 lbs. 120.00-147.50, No. 2 80/120 lbs. 50.00-120.00; few No. 1 Holstein heifers 80/110 lbs. 155.00-175.00, few No. 2 70/90 lbs. 65.00-147.50. Beef cross 70/160 lbs. bulls and heifers 85.00-175.00.

HOGS 236..Barrows and gilts uneven; Sows steady to strong. BARROWS AND GILTS: US No. 1-2 226/250 lbs. 42.75-43.50, few 45.10, 1-3 232/250 lbs. 41.75-42.75, few lots 1-3 163/194 lbs. 30.00-38.50. SOWS: US No. 1-3 352/450 lbs. 37.50-40.00, 450/655 lbs. 39.00-42.00, few 2-3 435/570 lbs. 38.75-38.50, few Medium 335/440 lbs. 32.00-36.75. BOARS: 32.00-34.75.

FEEDER PIGS 103...US No. 1-2 20/59 lbs. 66.00-87.50, one lot to 160.00.-- all per head.

SHEEP 159...Spring sl. lambs steady to strong. Spring sl. Lambs: High Choice and Prime 35/60 lbs. 142.50-175.00, one 200.00, few 70/100 lbs. 100.00-125.00, Choice 25/68 lbs. 120.00-177.50, 70/110 lbs. 87.50-107.50, Good and Choice 22/60 lbs. 95.00-132.50. Slaughter sheep: 10.00-35.00 mostly 25.00-35.00.

GOATS 56...Large 47.50-95.00, Medium 35.00-67.50, Large Kids 47.50-62.50, Small Kids 19.00-45.00. --- all per head.

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Mixers by J-STAR

TMR Ruffage Master

These new Oswalt® four auger Model 200/250 mixers are designed to process and mix all feeds, including baled hay, into a fully-blended TMR.. better than anyone!

The aggressive, notched, 20"-diameter, full-pitch, four auger mixing pattern, dual shear shelf design and exclusive, self-lubricating Tuff-Glide® liners help feed materials flow more freely, reducing horsepower requirements and virtually eliminating material hang-ups and dead spots.

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	PRICE
JD 375 Round Baler	$11,350
JD 672 Hydraulic Drive Rake w/Wheel and New Tires	$ 3,450
JD 7240 11 Row No-Till Planter, Dry Fert., Insecticide Attch., Monitor	$26,400

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IH M w/Side Mtd. Mower Balance Head $1,950
AC WD w/2 Row Mtd. Picker $1,500
JD 2940 4WD Cab $12,500
JD 4050 Power Shift, Sound Guard

USED SKID STEER LOADERS & ATTACHMENTS:
Bobcat 642 Propane Skid Steer Loader $8,400
Bobcat 2000 Articulate Loader $14,500
Beck 10,000 GVW Skid Steer Trailer, Surge Brakes $1,650
Case 1835 Dsl. Skid Steer Loader $7,250
Toyota SDK 6 Gas Skid Steer Loader $5,950

DISCS AND FIELD CULTIVATORS
JD 210 14' Black Gang Disc $3,850
IH 475 20' Hydraulic Wing Disc $4,350
JD 230 27' Wing Fold Disc w/New Blades $7,850
JD BWF 12' Disc $1,850
IH #45 12' Field SOLD r w/Tine Harrow $1,850
JD 18' Field Finisher $1,450
JD BWF 12' Disc $1,450
18' Wing Fold Field Cultivator S-Tines $950

HAY & FORAGE EQUIPMENT:
JD 1 Row, Row Crop Attachment, Nice $550
JD 5½ ' Pickup Attachment
NH 1010 Bale Wagon $4,350
NH 268 Baler w/Ejector
JD #30 Hydraulic Bale Ejector $1,500
Hesston 1091 Mower Conditioner $2,950
Owatonna 320 Stacker $1,550
NH 495 12' Haybine $4,850
JD 50 Side Mtd. Mower For 10 And 20 Series. $575
Side Mtd. Hydraulic Drive Highway Mower $1,250
JD 3 Row Row Crop Attch. 30" For Harvester $4,450
NH 770 Harvester With 2 Row Wide Corn Head And Pickup $4,450
IH 430 Baler w/Thrower
JD 35 Harvester With Pickup
Wheel Rake $425
JD 14T Baler $650
Hesston PT 10 Haybine $950
JD 2 Row 30" Row Crop Attch. For Harvester
JD 3950 Harvester, Sharp
JD 3940 Harvester w/Pickup
NI 7½ Ft. Rake $1,250
JD 672 9½ Ft. Rake SOLD $2,650

PLANTERS & GRAIN DRILLS:
JD 7000 Conservation 6 Row Liquid $9,500
JD Model B 14x7 Double Disc Drill $1,450
JD 8300 21x7 DD Drill $3,450
Oliver 13x7 Grain Drill SD w/Grass, Nice $1,150
MF #43 21x7 Plain Grain Drill $1,050
JD 7000 4 Row Wide Row Planter

Coming In...
Artsway 12 Ft. 3 Pt. Chisel
JD #336 Baler w/#30 Ejector
3 Pt. Post Hole Digger
JD 2500 4-18" Auto Reset Plow
JD 1010 20' Flat Fold Field Cultivator
JD 5B Semi-Mtd. Roll-Over Plow
JD 2640 w/146 Loader

PLOWS-MOLDBOARD AND CHISEL:
JD 5 Tooth Pull Type Chisel Plow $1,050
IH #55 11 Tooth Pull Type Chisel $1,850
IH 9 Tooth 3 Pt. Chisel $1,650
JD 7B 2500 Plow $3,950
JD 1450 6-16" Semi-Mtd. Plow $2,250
JD 1B Roll-Over Plow $1,250
IH 9 Tooth Pull Type Chisel $1,850
JD 2700 6B Auto Reset On-Land Plow $7,450
JD 3200 6x18" Pull Type Auto Reset Plow $3,950
JD 2500 5x18" Auto Reset Plow $3,950
JD F125 3x16 Plow $950
IH 15' 3 Pt. Chisel $1,650

ROW CROP CULTIVATORS & ROTARY HOES
JD 8 Ft. 3 Pt. Rotary Hoe $650
JD RM 4 Row 30" Cultivator $1,050
JD RM 4 Row Cultivator $1,050
JD 12 Ft. 3 Pt. Rotary Hoe $950

COMBINES & PICKERS:
IH #93 Self Propelled Combine $1,250
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 818 combine, sharp
JD #343 3 Row 30" Corn Head $3,650
JD 653 6 Row 30" Bean Head $2,450
JD 13' Quick Tach Rigid Grain Head $1,850
JD 444 4 Row Wide Corn Head $3,650
JD 213 Rigid Head For Side Hill $2,650
NI 2 Row Wide w/Sheller $1,850
6 Row 1000 PTO Stalk Shredder $2,450
UFT 6 Row Stalk Shredder 1000 PTO $2,450
MF 410 Gas Combine w/Platform And 4 Row Wide, Nice
JD 4400 Dsl. Combine, New Engine

ROLLER HARROWS AND CULTIMULCHERS
IH #315 12' Roller Harrow $2,850
Kewanee 20' Flat Fold Roller Harrow $5,950
Brillion 15' Cultimulcher $3,650
JD 970 15' Roller Harrow, New Style $5,950

CULTIPACKERS
Brillion 10' w/Big Shaft $950
Brillion 3' Section 28' Packer $2,450
Brillion 12' w/Big Shaft $1,250
Brillion 12' Packer w/Transport $1,850
JD 12' Packer $1,250
Dunham 14 Ft. Transport Packer $1,250

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Transcraft 42' Drop Deck Trailer, Air Ride, Nice $8,500
Corn Drag $200
Pull Type Spin Spreader $300

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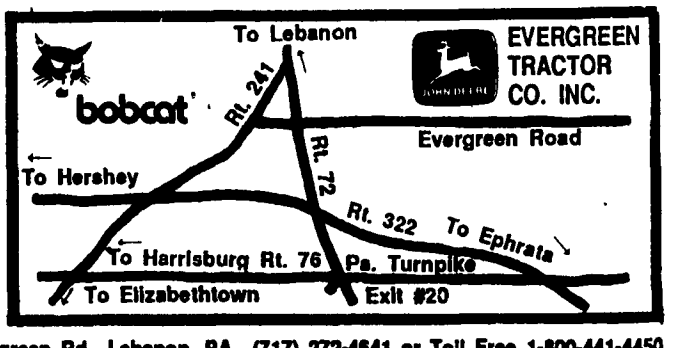

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Sat. 8:00 A.M. To Noon
SERVICE- Mon. Thru Fri.
8:00 A.M. To 4:30 P.M.

30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

Carlisle Livestock Market

Carlisle, Pa.
Tuesday, April 13, 1993

SLAUGHTER STEERS: SELECT AND CHOICE 76.00-77.00, LIGHTS 71.00-75.50.

SLAUGHTER HOLSTEINS: CHOICE 67.50-73.00; SELECT 63.00-67.00; STANDARD 56.75-61.00.

SLAUGHTER HEIFERS: HOLSTEINS TO 63.50.

SLAUGHTER COWS: ACTIVE! BREAKING UTILITY AND COMMERCIAL 49.50-52.00; CUTTER AND BONING UTILITY 47.00-51.75; CANNER AND LOW CUTTER 42.00-46.00; BIG MIDDLE 44.00-48.50; SHELLY 40.00 AND DOWN.

SLAUGHER FAT BULLS: YG#2 54.75-59.75.

FEEDER CATTLE: GOOD RUN WITH STRONG DEMAND! FEEDER STEERS 350-550 LBS. MEDIUM AND LARGE #1 85.00-97.00; MEDIUM AND LARGE #2 75.00-84.00; HOLSTEINS 60.00-92.00; 600-850 LBS. MEDIUM AND LARGE #1 76.00-89.00; HOLSTEINS 65.00-77.00.

FEEDER HEIFERS: 450-750 LBS. MEDIUM #1 79.00-84.00; MEDIUM AND LARGE #2 64.00-74.00.

FEEDER BULLS: 400-1050 LBS. HOLSTEINS 57.50-81.00.

VEAL CALVES: CHOICE 95.00-105.00; GOOD 75.00-94.00; STANDARD 45.00-65.00.

HOLSTEIN FARM BULLS: MOSTLY 140 00-160.00.

HOLSTEIN FARM HEIFERS: 180.00-209.00.

HOGS: BARROWS AND GILTS US#1-3 210-260 LBS. 43.75-44.50; 270-370 LBS. 32.00-38.50; UNDER 200 LBS. 31.50-36.25; #2&4 39.60-42.75.

SOWS: OVER 450 LBS. 42.00-43.50; UNDER 450 LBS. 39.00-41.50; #2&4 ALL WEIGHTS 28.50-36.50.

BOARS: 26.25-32.25.

FEEDER PIGS: BY THE HEAD, 15-25 LBS. 16.00-26.00; 35-50 LBS. 35 00-45.00.

SHEEP: 19.00-49.00.

LAMBS: CHOICE 35-55 LBS. 157.50-186.00; CHOICE 65-80 LBS. 115.00-155.00; GOOD 40-60 LBS. 140.00-170.00; GOOD AND CHOICE 90-120 LBS. 75.00-92.50; MEDIUM AND FEEDER LAMBS ALL WEIGHTS 60.00-75.00.

GOATS: SM/MED/KIDS 25.00-70.00.

SALE EVERY TUES. RABBITS, POULTRY AND EGGS 5 P.M. LIVESTOCK 7 P.M. STATE GRADED FEEDER PIG SALE FRI., APRIL 23, 1:30 P.M.

Morrison Cove Livestock

Martinsburg, Pa.
April 12, 1993
Report supplied by auction

CATTLE 196. STEERS CHOICE 79.00-85.00; GOOD 74.50-78.50.

HEIFERS: CHOICE 77.00-83.50; GOOD 71.50-76.50.

COWS: UTILITY & COMMERCIAL 44.50-55.00; CANNER & LOW CUTTER 37.50-52.50.

BULLOCKS: GOOD & CHOICE 62.75-68.25.

BULLS: YIELD GRADE NO. 1 56.00-63.75.

FEEDER CATTLE: STEERS 74.00-93.00; BULLS 63.00-85.00; HEIFERS 57.00-81.00.

CALVES 225. PRIME, NO MKT. TEST; CHOICE, 95.00-103.00; GOOD, 85.00-95.00; STANDARD 30.00-47.00; HOLSTEIN BULLS 90-130 LBS. 130.00-151.00; HOLSTEIN HEIFERS 90-130 LBS. 140.00-180.00.

HOGS: 129. US NO. 1-2 42.50-44.25; US NO. 1-3 41.25-42.25.

SOWS: US NO. 1-3 28.00-41.00.

BOARS 32.00-34.50.

FEEDER PIGS: 29 HEAD. US#1-3 20-50 LBS. NO MKT. TEST.

SHEEP: 53 HEAD. CHOICE 75.00-80.00; GOOD 70.00-75.00; SLAUGHTER EWES 20.00-26.00.

GOATS: 12.00-80.00.

45 LOADS OF HAY. ALFALFA 71.00-96.00; TIMOTHY 59.00-88.00; 7 LOADS OF STRAW 69.00-76.00.

Oklahoma City Feeder Cattle

Oklahoma City
Wednesday April 14, 1993

OKLAHOMA NATIONAL STOCKYARDS WEEKLY CATTLE SUMMARY

Compared to last week: Stocker and feeder steers over 600 lbs. $1.00-$2.00 higher. Heifers steady, exception noted on those over 700 lbs. steady to $1.00 higher. Demand good with active trading. Quality plain thru attractive. Feeder cattle in slightly fleshy thru moderately fleshy condition. Stockers thin to average flesh, however several sets bawling calves in supply. Weigh-ups gaunt to average. Slaughter cows steady to $1.00 higher than last week's close or $1.50 higher than bulk sales last Tuesday. Slaughter bulls steady. Demand very good for cows, moderate for bulls. Receipts this week 7,825; last week 6,939; last year 12,698. Supply consisted of 79% feeders and stockers over 600 lbs.; 17% calves and light yearlings under 600 lbs.; 4% cows and bulls. Bulk price ranges follow with weighted averages in parenthesis.

Feeder Steers: Medium and Large Frame 1, 300-400 lbs. $115.00-$118.00 ($116.50); 400-500 lbs. $109.00-$117.25 ($112.46); 525-600 lbs. $98.50- $106.00 ($102.56); 600-700 lb. stockers $93.25-$98.75, feeders $88.75- $94.00, ($94.13); 700-750 lbs. $85.00-$92.00 ($88.55); 750-800 lbs. $84.25- $87.50 ($86.01); 800-850 lbs. $83.00-$87.25 ($84.62); 850-900 lbs. $82.25- $84.50 ($83.56); 900-1000 lbs. $78.50-$83.00 ($80.70). Large Frame 2 Holsteins, 400-425 lbs. $88.00-$89.25; 500-600 lbs. $79.50- $83.50; 625-650 lbs. $77.25-$78.00; 750-800 lbs. $72.00-$75.25; 850-900 lbs. $66.25-$70.00.

Feeder Heifers: Medium and Large Frame 1, 350-400 lbs. $99.00-$100.25; 400-500 lbs. $98.50-$108.00 ($103.02); 500-600 lb. stockers $90.00-$99.50, few feeders or new crop calves $85.75 ($92.85); 600-700 lb. stockers $85.00-$91.00, feeders $82.50-$86.50 ($86.21); 700-800 lbs. $80.00-$85.50 ($82.41); 800-850 lbs. $77.25-$78.75 ($77.90).

Slaughter Cows: Closing levels: Cutter, Boning and Breaking Utility Y.G. 1-3 average dressing $48.50-$50.50; high dressing $51.00-$53.00; very high dressing $53.50-$54.25; low dressing $43.00-$45.00.

Slaughter Bulls: Y.G. 1 1300-2300 lbs. average dressing $58.00-$61.00; high dressing $61.50-$62.25, high dressing/high boning $64.75-$68.00. Y.G. 2 1300-2000 lbs. low dressing, thin, or fat $53.50-$57.25, individual Hereford fat and full $49.75.

Dewart Livestock Auction

DEWART, PA
April 12, 1993

CATTLE 103.. PDA ..Cows 1.50 to 2.00 higher. STEERS: few Choice 1100/1230 lbs. 77.00-79.50. HOLSTEINS: couple Choice at 69.00. COWS: Breaking Utility and Commercial 48.00-50.00, couple 52.00, Cutter and Boning Utility 48.00-51.25, Canner and Low Cutter 42.00-47.00, Shells down to 35.00. BULLS: few Yield Grade No. 1 1060/1870 lbs. 55.00-61.25, one Yield Grade No. 2 1690 lbs. 50.00. FEEDER CATTLE: few Large Frame No. 2 400/475 lbs. steers 77.00-81.00, few Large No. 2 300/480 lbs. heifers 77.00-89.00, few Medium Frame No. 1 430/780 lbs. 62.00-81.00.

CALVES 139... VEALERS: one Good at 80.00, few Utility 60/80 lbs. 40.00-42.00. FARM CALVES: No. 1 90/130 lbs. Holstein bulls 130.00-162.50, No. 2 80/120 lbs. 75.00-120.00, No. 1 90/115 lbs. Holstein heifers 155.00-197.50. Few Beef Cross 70/105 lbs. Bulls and Heifers 100.00-170.00.

HOGS 86...Barrows and Gilts 1.00 lower. BARROWS & GILTS: US 1-2 225/235 lbs. 40.20-42.10, 1-3 220/245 lbs. 40.00-40.30, couple 2-3 275 lbs. 39.00 & 39.50. SOWS: few US 1-3 420/500 lbs. 37.00-39.75.

FEEDER PIGS 51....Few US 1-3 25/35 lbs. 27.00-31.00.--- all per head.

SHEEP 0...No market test.

GOATS 11...few Large 19.00-38.00, few Small Kids 17.00-28.00. --- all per head.

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, April 12, 1993
Report Supplied by Auction

CATTLE 268. STEERS, STANDARD 60.50-68.00; UTILITIES 60.00 AND DOWN.

HEIFERS: SELECT 71.00-73.00; STANDARD 60.00-70.00; UTILITIES 60.50 AND DOWN.

COWS: UTILITY AND COMMERCIAL 48.00-54.50; CUTTERS, BONERS AND UTILITIES 44.00-49.00; CANNERS AND LOW CUTTERS 39.00-44.50; SHELLS 38.00 AND DOWN.

BULLS: #1 57.00-67.00; #2 52.00-58.00.

FEEDER STEERS: 300-500 LBS. 65.00-101.00; 500-800 LBS. 60.00-87.00.

HEIFERS: 300-500 LBS. 60.00-91.50; 500-800 LBS. 50.00-83.00.

BULLS: 300-500 LBS. 64.00-102.00, 500-800 LBS. 51.00-80.00.

CALVES: 180 HEAD. VEALERS CHOICE 90.00-97.50, GOOD 84.00-89.00; STANDARD AND GOOD 61.00-83.00; UTILITIES 60.00 AND DOWN.

FARM CALVES, HOLSTEIN BULLS #1 130.00-167.50; #2 100.00-127.50, BEEF BULLS 95.00-187.50, HOLSTEIN HEIFERS 90.00-187.50; BEEF HEIFERS 85 00-170 00.

HOGS: 80 HEAD. #1&3 200-220 LBS 43.00-43 50, 220-260 LBS 43.25-45 25, 260-300 LBS. 42 25-43.00

SOWS UNDER 500 LBS 35 00 36 00, OVER 500 LBS 42 00-43 00

BOARS 29 00-34 00

FEEDER PIGS #1&3 20-40 LBS 19 00-30.00, 100 LBS. 44.00.

SHEEP AND LAMBS 191 HEAD HIGH CHOICE AND PRIME 25-50 LBS 89.00-105.00; 50-75 LBS 84.00-110 00, CHOICE 75-100 LBS. 78 00-103.00, UTILITIES 69 00 AND DOWN; EWES 16 00-30 00

GOATS 14 HEAD LARGE 52 00-54.00; MEDIUM 26 00-53 00

HORSES. 2 HEAD, 60 00 AND 67 00

Estimated Daily Livestock Slaughter

Under Federal Inspection
April 14, 1993

	CATTLE	CALVES	HOGS	SHEEP
MONDAY (EST)	110,000	5,000	362,000	22,000
WEEK AGO (EST)	114,000	5,000	335,000	23,000
YEAR AGO (ACT)	116,000	5,000	343,000	24,000
WEEK TO DATE (EST)	320,000	14,000	912,000	57,000
SAME PD LT WK (EST)	328,000	14,000	998,000	66,000
SAME PD LT YR (ACT)	319,000	15,000	999,000	73,000

PREVIOUS DAY ESTIMATED...TUES. STEER AND HEIFER 91,000; COW AND BULL 24,000.

***REVISION TUESDAY HOG SLAUGHTER...367,000.

SAVE $5.00 Per Foot

AMERICAN QUALITY AT AN AFFORDABLE PRICE

FUERST F-L-E-X-I-B-L-E TINE HARROW

THE MOST VERSATILE TOOL ON THE MARKET

AERATES PASTURES to stimulate growth and improve moisture penetration while scattering droppings.

PREPARES SOIL for over seeding without disturbing existing growth.

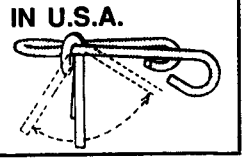
INCORPORATES HERBICIDES in one pass behind drill or cultivator.

SHREDS TRASH as it prepares and levels seed beds ahead of no-till or ridge-till planting.

OPTIONAL HARROW CART folds to a narrow width for easy transporting.

MADE IN U.S.A.

Fuerst's free swinging tines effectively incorporate *and* shred trash



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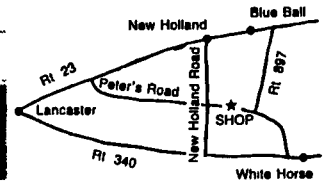

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WITH A FULL RANGE OF BALE WRAPPERS FOR FARMERS AND CONTRACTORS

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- Handles bales up to 5' 6" in diameter and up to 1200 kg in weight.
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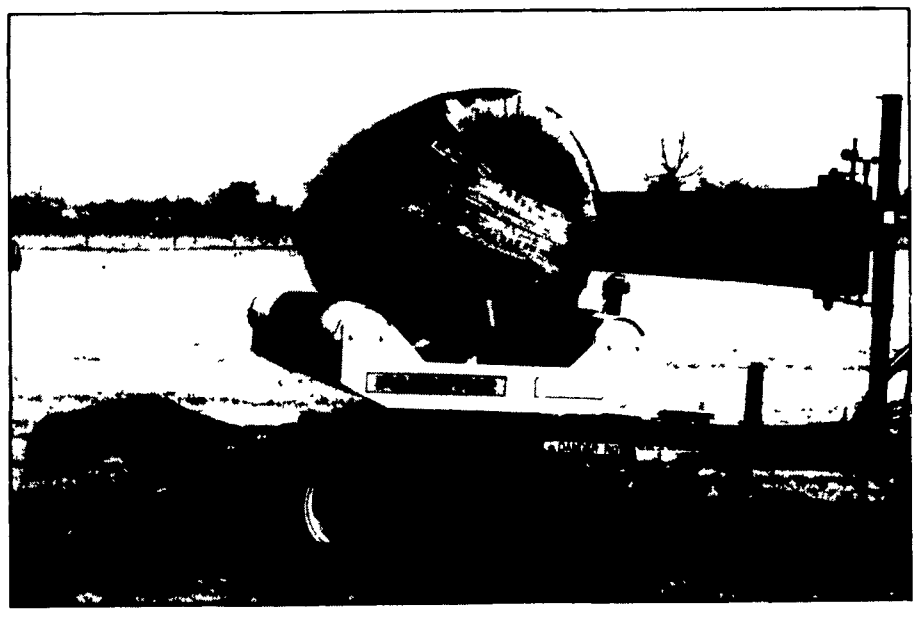


PARMITER

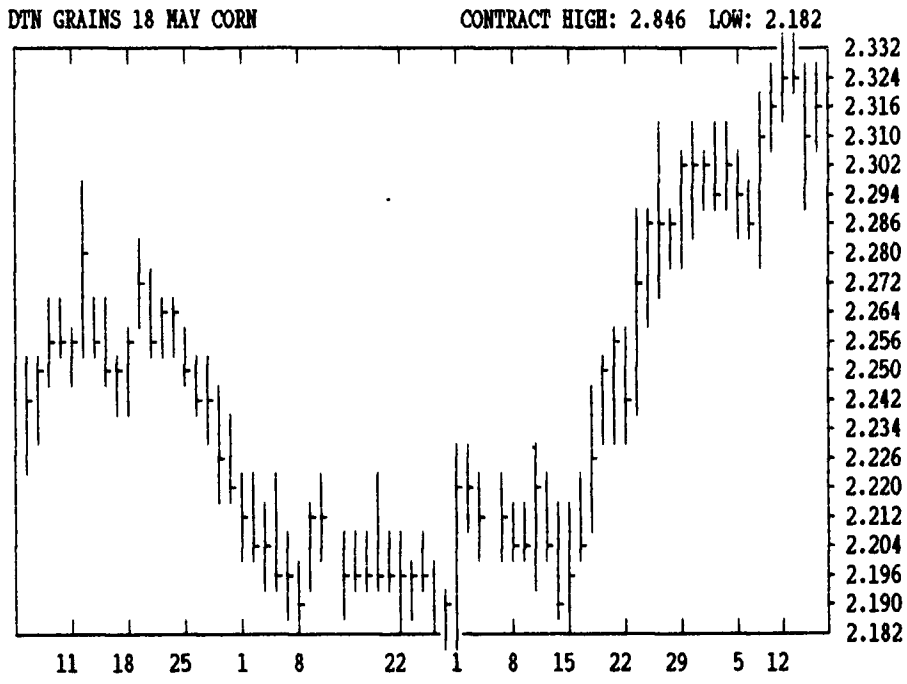
For the name of your local dealer or a demonstration, contact:

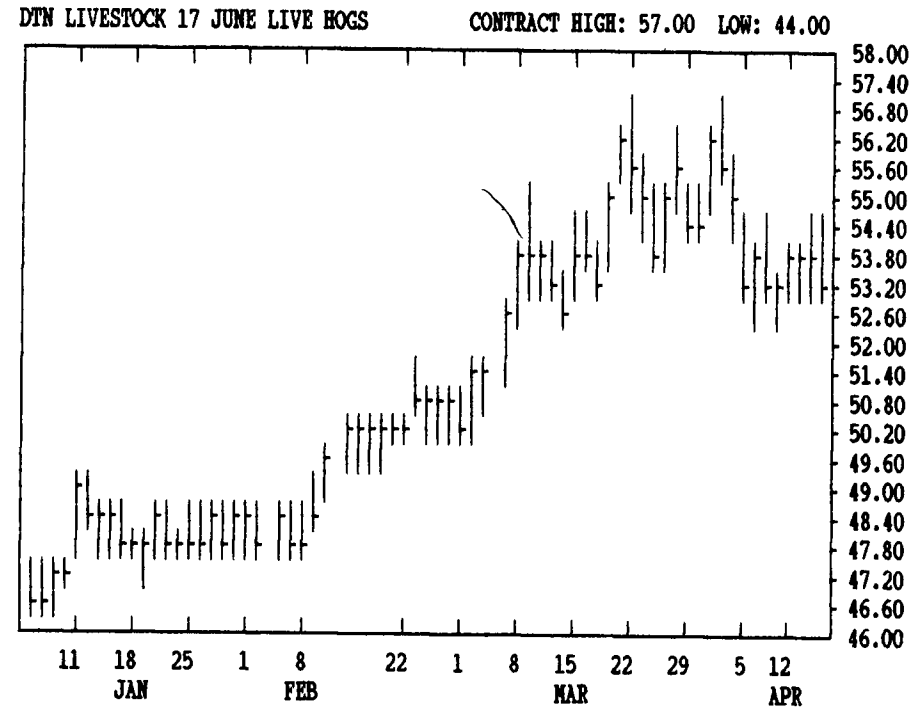
HAMILTON EQUIPMENT, INC.

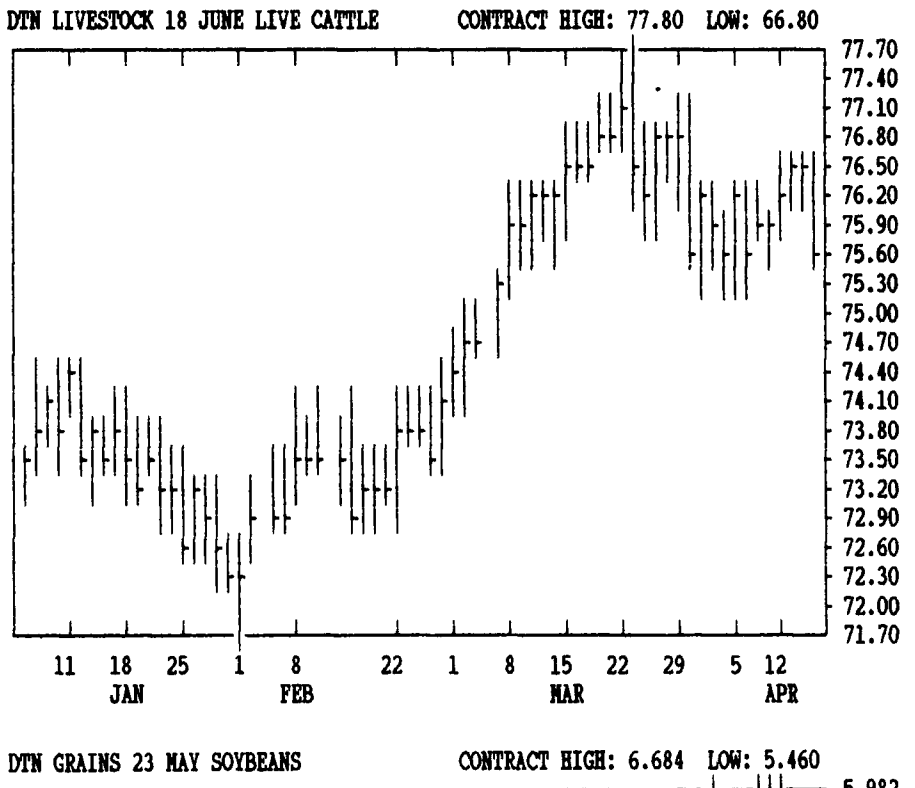
567 S. READING RD., P.O. BOX 478, EPHRATA, PA 17522
TELEPHONE: 1-717-733-7951

GRAIN, CATTLE AND HOG FUTURES MARKETS

(Closing bids: Thursday, April 15, 1993)







DTN FUTURES 13 04/15/93 — TECHNICAL POINTS

PRICES ARE DECIMAL			MOVING AVERAGES			RSI'S			SLOW STOCHASTIC 5 DAY		20 DAY	
CONTRACT		CLOSE	4-DAY	9-DAY	18-DAY	45-DAY	9DAY	14DAY	30DAY	%K	%D	%K	%D
WHEAT	MAY	355.50	351.75	349.89	347.51	341.07	64.7	61.2	56.5	81	72	82	78
WHEAT	JUL	313.00	314.00	313.97	310.65	312.99	53.1	51.7	49.0	61	68	83	81
KCWHT	MAY	333.00	333.81	333.22	331.29	327.62	53.7	53.7	52.1	50	66	79	80
KCWHT	JUL	307.50	308.19	307.97	304.93	308.40	53.6	51.4	48.1	71	78	83	79
MNWHT	MAY	332.00	334.50	335.78	333.26	330.21	45.5	48.8	49.6	25	45	66	73
CORN	MAY	231.75	232.19	231.31	230.06	224.66	63.1	64.7	61.1	67	78	91	92
CORN	JUL	237.25	237.94	237.06	236.06	231.24	59.2	61.2	59.3	64	77	88	90
CORN	DEC	247.00	247.87	247.22	246.04	242.84	55.5	57.6	57.2	46	67	82	89
OATS	MAY	147.75	147.19	145.25	142.51	139.41	64.0	62.9	58.4	45	59	79	84
BEANS	MAY	590.50	594.56	594.67	591.78	583.74	47.1	51.5	53.8	52	70	83	87
BEANS	JUL	593.75	598.87	599.56	596.86	588.59	43.8	49.2	52.6	39	61	77	83
BEANS	NOV	601.75	607.37	608.42	605.64	597.35	42.1	48.2	52.5	30	54	71	80
MEAL	MAY	183.90	185.43	185.74	185.63	181.96	40.8	48.0	51.7	38	52	62	70
BNOIL	MAY	21.30	21.38	21.43	21.21	21.17	50.5	51.5	51.7	27	41	69	78
CATTLE	APR	81.90	82.06	81.52	82.02	81.30	51.4	52.7	57.0	78	84	37	28
CATTLE	JUN	75.82	76.32	76.08	76.29	75.45	44.1	48.4	54.2	59	74	35	30
FCTL	APR	85.60	85.34	85.18	85.45	84.86	56.9	55.3	55.6	79	62	26	17
HOGS	APR	47.08	47.33	47.50	48.82	47.57	38.1	43.4	50.9	30	30	6	8
HOGS	JUN	53.50	53.79	53.77	54.50	52.99	44.9	48.6	54.1	59	53	21	20
PKBLS	MAY	51.18	51.58	50.53	50.69	46.58	54.6	56.4	58.0	69	75	45	36

LIVE CATTLE

	HIGH	LOW	LAST	CHG
APR	8230	8187	8190*	-32
JUN	7672	7580	7582*	-70
AUG	7332	7270	7277*	-42
OCT	7420	7370	7375*	-12
DEC	7422	7382	7400*	+12
FEB	7375	7320	7330*	+10
APR	7475	7440	7465*	+40
JUN				

FEEDER CATTLE

	HIGH	LOW	LAST	CHG
APR	8607	8550	8560*	-5
MAY	8495	8462	8467*	+2
AUG	8422	8385	8390*	-2
SEP	8310	8270	8270*	+10
OCT	8270	8250	8255*	+10
NOV	8280	8260	8275*	+15
JAN	8235	8215	8225*	+5
MAR	8170	8150	8170*	+20

LIVE HOGS

	HIGH	LOW	LAST	CHG
APR	4782	4700	4707*	-42
JUN	5447	5345	5350*	-70
JLY	5350	5250	5255*	-62
AUG	5055	4945	4952*	-50
OCT	4470	4390	4392*	-67
DEC	4570	4490	4500*	-45
FEB	4555	4500	4505*	-35
APR	4420	4410	4410*	0

SWISS FRANC

JUN	6854	6784	6792*	-29
SEP	6830	6760	6768*	-30
DEC			6755*	-31

EURODOLLAR

JUN	9678	9676	9677*	0
SEP	9668	9664	9667*	0
DEC	9633	9628	9632*	0
MAR	9623	9616	9621*	0
JUN	9588	9582	9586*	0
SEP	9556	9550	9554*	0

PORK BELLIES

MAY	5395	5095	5117*	-177
JLY	5500	5160	5210*	-140
AUG	5250	4910	4945*	-135
FEB	4520	4397	4400*	-20
MAR	4282		4282*	+32
MAY		4300	4300a	-300

BRITISH POUND

JUN	15470	15292	15324*	-114
SEP	15370	15200	15226*	-114
DEC	15290	15100	15138*	-114

S&P 500 INDEX

JUN	45020	44680	44920*	+10
SEP	45065	44735	44975*	+10
DEC	45100	44800	45030*	+10
MAR			45130*	+20

GERMAN MARK

JUN	6237	6169	6175*	-44
SEP	6165	6105	6113*	-44
DEC	6115	6064	6068*	-44
MAR	6133		6034*	-44

JAPANESE YEN

JUN	8873	8766	8832*	+51
SEP	8870	8772	8832*	+52
DEC	8885		8837*	+53

CORN

	HIGH	LOW	LAST	CHG
MAY	2330	2312	2316*	+6
JLY	2384	2366	2372*	+6
SEP	2426	2412	2414*	+6
DEC	2484	2462	2470*	+10
MAR	2542	2526	2534*	+6
MAY	2576	2566	2572*	+4
JLY	2610	2594	2604*	+4
SEP				
DEC	2520	2504	2504*	0

SOYBEANS

MAY	5964	5900	5904*	-46
JLY	6012	5934	5936*	-54
AUG	6032	5960	5960*	-54
SEP	6044	5972	5974*	-44
NOV	6092	6014	6016*	-52
JAN	6150	6084	6086*	-42
MAR	6220	6150	6150*	-56
MAY	6250	6190	6190*	-50
JLY	6266	6210	6210*	-64
NOV	6124	6060	6060*	-54

CHICAGO WHEAT

	HIGH	LOW	LAST	CHG
MAY	3570	3500	3554*	+56
JLY	3144	3112	3130*	-2
SEP	3164	3144	3154*	-4
DEC	3260	3240	3246*	-2
MAR	3300	3286	3290*	-10
MAY	3280	3274	3280*	+10

OATS

MAY	1482	1462	1476*	+30
JLY	1506	1484	1500*	+26
SEP	1506	1490	1502*	+26
DEC	1530	1510	1524*	+26

SOYBEAN MEAL

MAY	1858	1837	1839*	-15
JLY	1877	1853	1855*	-18
AUG	1885	1860	1861*	-20
SEP	1891	1872	1872*	-18
OCT	1899	1875	1875*	-24
DEC	1925	1895	1895*	-26
JAN	1920	1903	1903*	-27
MAR	1930	1910	1910*	-27

K.C. WHEAT

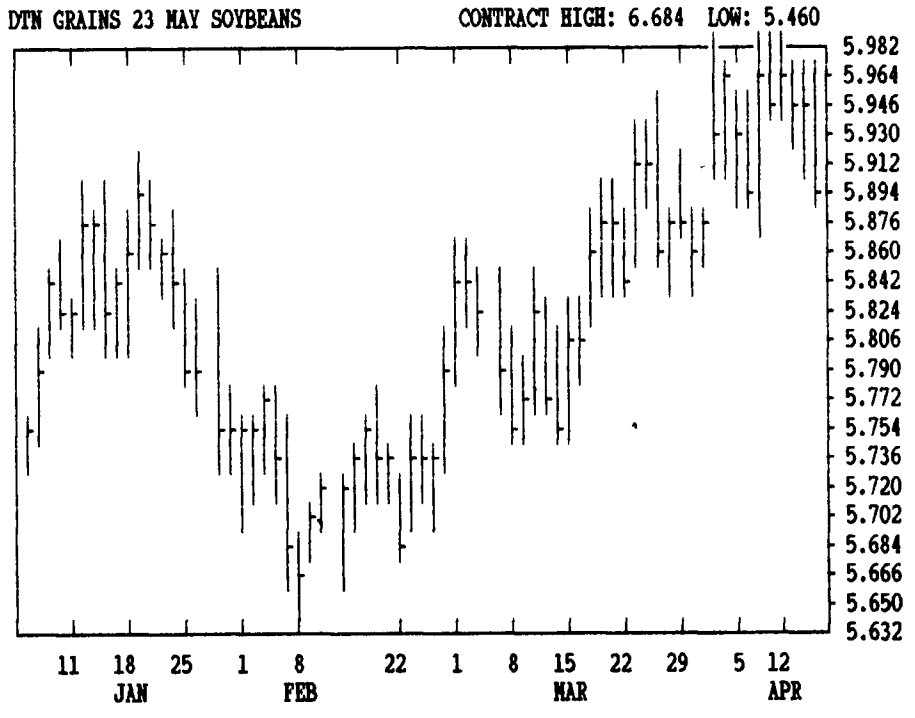
	HIGH	LOW	LAST	CHG
MAY	3340	3320	3330*	+6
JLY	3092	3074	3074*	-4
SEP	3112	3092	3094*	-2
DEC	3212	3180	3184*	0
MAR	3220	3204	3220*	+20

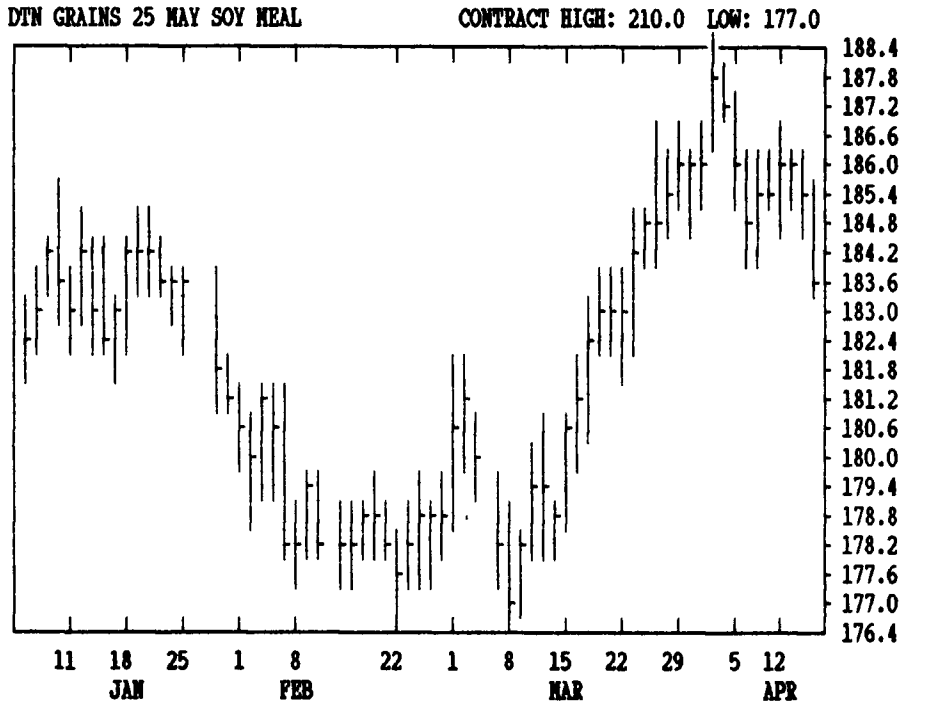
MINN WHEAT

MAY	3340	3314	3320*	-2
JLY	3200	3180	3184*	-2
SEP	3106	3082	3090*	+6
DEC	3180	3174	3180*	+10
MAR			3204*	0

SOYBEAN OIL

MAY	2157	2129	2130*	-12
JLY	2185	2156	2158*	-9
AUG	2192	2167	2167*	-9
SEP	2207	2177	2177*	-6
OCT	2212	2187	2187*	-7
DEC	2233	2208	2211*	-9
JAN	2232	2215	2215*	-6
MAR	2245	2235	2235*	-5





Frederick Livestock Auction

Frederick, Md.
April 12, 1993
Report Supplied by Auction

SLAUGHTER COWS: UTILITY 46.00-50.00; HIGH DRESSING TO 51.00; CANNERS 42.00-46.00; SHELLY 42.00 DOWN.

BULLS: YG#2 1400-1900 LBS. 55.00-58.00.

FED STEERS: FEW OFFERED; LOW CHOICE 950 LBS. TO 70.00.

FED HEIFERS: NO CHOICE; SELECT 1110 LBS. TO 63.50.

VEAL CALVES: GOOD 175-225 LBS. TO 90.00; 1 380 LB. AT 80.00; CULLS FEW 80-100 LBS. TO 42.00; 99% OF CALVES RETURNED TO FARMS FOR FEEDING.

FARM CALVES: HOLSTEIN BULLS #1 95-120 LBS. 140.00-155.00; FEW 90 LBS. TO 135.00; SMALL FRAME 80-110 LBS. 90.00-115.00; HOLSTEIN HEIFERS, STRONG DEMAND. #1 90-125 LBS. 175.00-230.00; #2 75-100 LBS. 120 00-160.00; BEEF X BULLS TO 170 00; HEIFERS TO 140.00.

BUTCHER HOGS: US#1&2 220-260 LBS 43.25; 215-260 LBS. #1&3 42 00-42.50; FEW 275-300 LBS. 35 00-37.50.

SOWS: NONE.

BOARS: NONE.

STOCK CATTLE: STEERS 300-500 LBS. 84.00-93.00; 600-800 LBS. 67.00-76.00.

HEIFERS: 300-500 LBS. 80.00-94.00; 500-700 LBS. 58.00-65.00.

BULLS: FEW OFFERED.

LAMBS: SPRING 40-50 LBS. 87.00-101.00; WOOLED 150-160 LBS. 34.00-41.00.

SHEEP: 20.00-33.00.

GOATS: LARGE 64.00-80.00; MEDIUM 35.00-50.00; SMALL KIDS 26.00-37.00.

PIGS AND SHOATS: BY THE HEAD FROM TESTED HERDS. 8 HEAD 40 LBS. 38.00.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, April 12, 1993
Report Supplied By Auction

322 HEAD. MARKET LOWER.

DRIVING HORSES 675.00-900.00.

RIDING HORSES 675.00-850.00.

BETTER RIDING HORSES 910.00-1000.00.

REGISTERED 875.00-2150.00.

KILLERS LIGHTWEIGHT 520.00-690.00; HEAVYWEIGHT 740.00-900.00, FEW 950.00-985.00.

THIN 315.00-485.00.

WORK HORSES 825.00-1400.00.

MULES 810.00-1400.00.

PONY MARES 140.00-350.00.

PONY COLTS 40.00-75.00.

GELDINGS 140.00-350.00.

LARGER PONIES 395.00-465.00.

Belleville Livestock Auction

BELLEVILLE, PA
April 14, 1993

CATTLE 238... PDA .. Supply includes 160 dairy cattle . Cows 1.75 to 2.50 higher. HOLSTEINS: two Select 67.00 & 68.35. HEIFERS: few Select Holsteins 52.00-55.00. COWS: Few Breaking Utility and Commercial 48.10-50.10, Cutter and Boning Utility 47.00-50.00, two head 53.00, Canner and low Cutter 43.00-46.75. Shells down to 40.00. BULLS: few Yield Grade No. 2 1220/2170 lbs. 51.75-56.10.

CALVES 95...VEALERS: few Utility 60/75 lbs. 42.00-50.00. FARM CALVES: No. 1 Holstein bulls 90/130 lbs. 120.00-140.00, No. 2 80/125 lbs. 60.00-105.00, few No. 1 Holstein heifers 85/105 lbs. 135.00-200.00. Few Beef cross bulls and heifers 70/100 lbs. 80.00-125.00.

HOGS 186...Barrows and gilts 1.50 to 2.00 lower. BARROWS AND GILTS: US No. 1-2 220/260 lbs. 40.10-42.00, lot 42.50. SOWS: 1-3 310/550 lbs. 32.00-38.00. BOARS: few 25.50-31.00.

FEEDER PIGS 210...US No. 1-3 20/35 lbs. 30.00-44.00, 40/60 lbs. 40.00-53.00. --- all per head.

SHEEP 4.. Slaughter sheep: few 23.00-25.00.

GOATS 15...few Large 52.00-70.00, few Small Kids 16.00-51.00.--- all per head.

DAIRY COWS....$850.00-$1275.00, couple 1475.00.-- per head.

Lebanon Valley Livestock Auction

FREDERICKSBURG, PA
April 13, 1993

CATTLE 119... PDA ..Compared to last Tuesday's market. Sl. cows mostly .50 to 1.25 higher. STEERS: one High Choice and Prime 1410 lbs. Yield Grade No. 5 67.25, one Select 67.25. HOLSTEINS: one Select 64.25. HEIFERS: one Choice Holstein 62.00, two Select 56.25 & 60.75, two Standard 55.00 & 55.75. COWS: Breaking Utility and Commercial 47.75-50.25, few low dressing down 45.75, Cutter and Boning Utility 43.75-49.50, few 51.75, Canner & Low Cutter 40.25-44.25, few down 39.50. Shells down to 28.00. BULLOCKS: one Select 62.00. BULLS: few Yield Grade No. 1 1500/1955 lbs. 58.25-60.00.

CALVES 156. VEALERS: few Standard and Good 85/100 lbs. 47.00-60.00, few Utility 45/70 lbs. 20.00-21.00. RETURNED TO FARM: No. 1 Holstein bulls 85/125 lbs. 120.00-144.00, few 150.00, No. 2 75/115 lbs. 70.00-127.00 mostly 85.00-117.00. No. 1 Holstein heifers 85/115 lbs. 110.00-177.00. Beef cross 100 lbs. bulls 160.00.

HOGS 99...Sows were uneven. BARROWS AND GILTS: lot US 1-2 216 lbs. 42.25, few 1-3 235/255 lbs. 43.00, one 43.75, 1-3 175/205 lbs. 32.00-38.25. SOWS: US 1-3 285/475 lbs. 31.50-38.00 mostly 32.50-36.75, few 1-3 485/555 lbs. 39.25-40.50. BOARS: two 32.25 & 33.00, lot 287 lbs. 28.00.

FEEDER PIGS 0.. No market test.

SHEEP 24... Spring sl. Lambs: Choice and Prime 20/55 lbs. 92.00-107.00, few 117.00, few Choice 20/30 lbs. 77.00-92.00. Wooled sl. Lambs: two Choice 145 & 205 lbs. 30.00.

GOATS 0..No market test.

Valley Stockyards

Athens, Pa.
Monday, April 12, 1993
Report supplied by auction

HOLSTEIN HEIFER CALVES TO 172.50.

VEALER BULL CALVES TO 155.00.

SLAUGHTER CALVES 25.00-51.00.

GRASSERS & FEEDERS 60.00-97.00.

LAMBS 95.00-155.00.

SHEEP 15.00-33.00.

HOGS 29.00-33.50.

BOARS TO 32.50.

HEIFERS 50.00-79.00.

STEERS 47 25-53.00.

FEEDER STEERS 47.25-69.50.

BULLS 49.00-58.75.

GOOD COWS 43.00-49.50.

COWS MEDIUM 36.50-43.00.

COWS POOR OR SMALL 26 00-36 00 AND DOWN

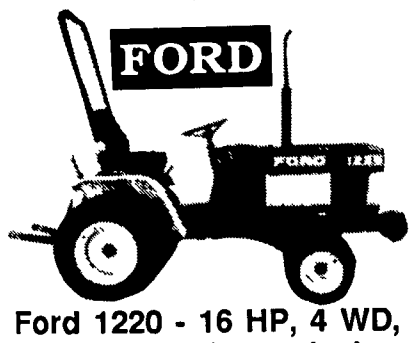
CATTLE MARKET STEADY.

CALF MARKET ACTIVE.

HORSES 370 00-760.00

THE BEST FOR LESS!!

MFGR. LIST PRICE
$11,689



Ford 1220 - 16 HP, 4 WD, Hydrostatic Transmission

NOW ON SALE! CALL FOR SALE PRICING!

MFGR. LIST PRICE
$8700!

Kubota B7100 - 16 HP, Hydro. Trans, 4WD, Cat I 3 Pt. Hitch, Std. 540 PTO, Mid PTO, 3 Cyl. Famous Kubota Liquid-Cooled Diesel

MFGR. LIST PRICE
$12,063

Case 1120-MFD, 19 HP 4WD, Hydrostatic Transmission

CASE

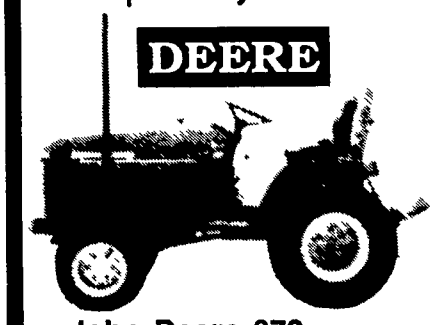
MASSEY

MFGR. LIST PRICE
$10,669

Massey-Ferguson 1010-16 HP, 4WD, Hydrostatic Transmission

MFGR. LIST PRICE
$12,048

DEERE



John Deere 670 - 18.5 HP, 4 WD, Gear Tractor

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At Route 30 & Fruitville Pike
717-569-2500

Pennsylvania Livestock Auction

Waynesburg, Pa.
Thurs., April 15, 1993
Report Supplied by Auction

CATTLE. SL. COWS UTILITY & COMMERCIAL 45 00-53.50; CUTTER & BONING UTILITY 42 00-48.25; CANNER & LOW CUTTER 40.00-47.50, SHELLS 40.00 & DOWN BULLS· YIELD GRADE 1 1500#-1870# 54 50-62 00, YIELD GRADE 2 1000#-1400# 48 00-60 00

FEEDER STEERS M&L 1 300-500# 77 00-106 00, 250-280# 85 00 110 00, M 900-1000 60 00-76 00 HEIFERS M 1&L-1 300-500# 70 00-100 00, L-1 400 650# 55 00-90 00. BULLS M&L-1 300-620# 58 00-95 00

CALVES VEAL PRIME 95 00-100 00, CHOICE 74 00-95.00, GOOD 60 00-72 00

FARM CALVES #1 HOLSTEIN BULLS 90-120# FEW 80 00-120 00, #2 HOLSTEIN BULLS 80-100# FEW 75 00-95 00, BEEF X BULL&HFRS /HD 85 00-125 00

HOGS BARROWS & GILTS #1-2 210-255# 42 00-45 00, #2-3 255-280# 37 50-42 00, SOWS #1-3 300-500# 39 00-41 50

FEEDER PIGS 1-3 25-35# 15 00-35 00/HD

LAMBS HIGH CHOICE 55-75 LBS 65 00-90 00, CHOICE 90-105# 45 00-68 00 FEEDER LAMBS GOOD 45 00-68 00, EWES 10 00-24 00

GOATS LARGE 45 00-70 00/HD, MEDIUM 20 00-42 00/HD, SMALL 10 00-19 00/HD

HORSES 45 00-72 00, PONIES 20 00-52 00

ICE CREAM FOR AMERICA

Home raised gilts
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quality
uniformity
cost.
No body

Mike Cherchuck
(717) 258-1056

Greencastle Livestock

Greencastle, Pa.
Thursday, March 15, 1993

CATTLE: COWS 3.50-4.00 HIGHER. STEERS: FEW SELECT 70.00-72.25; IND. SELECT HOLSTEINS AT 64.50. FEEDERS FEW STANDARD & SELECT HOLSTEINS 56.00-62.00 IND. AT 66.00.

COWS: BREAKING UTILITY AND COMMERCIAL 49.50-53.50, COUPLE TO 59.00, CUTTER AND BONING UTILITY 49.00-52.75, COUPLE TO 56 50, CANNER & LOW CUTTER 43.00-48.00, SHELLS DOWN TO 38 00.

BULLS: YIELD GRADE 1 FEW 1400-1765 LBS. 55.00-61.00; GRADE 2 FEW 920-1030 LBS. FEW 48.00-53.00.

FEEDER STEERS: M-1 450-750 LBS. 68 00-81 00; FEW L-1 415-710 LBS. 76 00-84.50. STEERS: L-2 350-755 LBS. 68 00-73.00.

CATTLE HEIFERS: M-1 315-550 LBS. 65.50-79.00.

CALVES: STANDARD & GOOD 70/95 LBS 40 00-48.00, UTILITY 50/80 LBS. 25.00-40.00.

FARM CALVES: NO. 1 HOLSTEIN BULLS 90-130 LBS. 90.00-130.00, NO. 2 HOLSTEIN BULLS 80/120 LBS. 45 00-85 00, NO 1 HOLSTEIN HEIFERS 85/115 LBS. 120 00-170 00, NO 2 HOLSTEIN HEIFERS 70/100 LBS 60 00-110 00, BEEF CROSS BULLS & HEIFERS 75/105 LBS. 67 50-122 00

SOWS· FEW 1-3 350-600 LBS. 35.00-42.75. FEW BOARS 31.00-33.00.

SHEEP: LAMBS: FEW CHOICE 35-90 LBS SSH 72 00-86.00, IND. 25 LBS AT 1 00, FEW EWES 19 00-21 00.

Jersey Shore Livestock Market, Inc.

Auction every Thursday at 4:00 p.m.
Jersey Shore, Pa.
Report supplied by Auction
Thursday, April 8, 1993

RETURN TO FARM CALF 90 00-170.00.
GOOD VEAL: 80.00-120.00
COMMON VEAL: 30.00-65.00.
CHOICE STEERS: 75.00-79.50.
SELECT STEERS: 64.00-77.00.
COMMERCIAL COWS: 46.00-54.00.
CANNERS-CUTTERS. 42.00-51.75.
SHELLS: 34.00-40.75.
CHOICE HEIFERS: 75.00-78.50.
SELECT HEIFERS: 65.00-75.00.
COMMON HEIFERS: 58.00-64.00.
GOOD FEEDERS: 60 00-84.00.
COMMON FEEDERS· 40.00-62.00.
BULLS. 54.00-68.00.
GOOD HOGS· 42.85-43.85.
HEAVY HOGS: 36.00-38.25
SOWS 22 00-41 75

SRBC Meets

HARRISBURG (Dauphin Co.) — The Susquehanna River Basin Commission met Thursday, March 11, at the Robert Bielo Building in Harrisburg.

Under action items, the commission ratified a contract with the state DER as to the involvement of the water commission in the development of the state's nutrient management strategy for meeting nutrient reduction goals.

Pennsylvania has pledged a 40-percent reduction in nutrient inflows to the Chesapeake Bay by 2000.

In other action, the board approved an agreement under which an increased consumptive use fee is to be applied, on a phased-in basis, to certain post-1971 diversions of the Chester Water Authority.

They also adopted staff recommendations, with one amendment, to project applications for the Huntsville Golf Club, Millersburg Area Authority, IBM Corporation, Delta Borough Water System, Mifflintown Municipal Authority, and the Martinsburg Municipal Authority.

Presented to the board were reports on the state legislative intiatives on water resources management; a meeting with New York state legislators; progress on the Curwensville Water Supply Storage Project under which SRBC acts as the non-federal sponsor; the U.S. Army Corp of Engineers' Susquehanna River Fish Restoration Study; a study on sedimentation of the lower Susquehanna; and on prevailing hydrological conditions in the Susquehanna River Basin.

The next regular meeting of the commission is set for May 13, in the Lancaster, though specifics are to be announced later.

Students Present Annual A-Day

DOYLESTOWN (Bucks Co.) — Delaware Valley College will host its 45th annual A-Day country fair and open house on Saturday and Sunday, April 24 and 25 from 9 a.m. to 5 p.m., rain or shine.

Activities will include livestock exhibits and judging, tree climbing and planting demonstrations, hayrides, pony and canoe rides, a horseshow, a petting zoo, a kiddie tractor pull, and an arts and crafts show. The Doylestown Fire Department will also hold a demonstration on fire prevention on Saturday.

As a celebration of the agricultural arts, A-Day involves nearly every department on campus. Tours of the campus classrooms, laboratories, greenhouses, orchards, the herb garden and the Henry Schmeider Arboretum will be available. An extensive flower show and sale will also be part of the activities.

Entertainment will feature a band concert by "Nostalgia" on Saturday from 11 a.m. to 3 p.m. and "90 Proof" on Sunday from 11 a.m. to 3 p.m.

One of the many highlights of the two-day event is the crowning of the A-Day king and queen which will take place on Saturday at noon.

All A-Day exhibits are planned, prepared and presented by Delaware Valley College students. The students are dedicating A-Day to the memory of Joseph Fulcoly Jr., faculty advisor to the student A-Day Committee. Fulcoly died on March 24, 1993 after 36 years of service to the College.

A-Day will be held, rain or shine, on the Delaware Valley College campus located on Route 202 in Doylestown. Admission is free, parking is $4 and includes a program of events. For additional information, call (215) 345-1500.

State Honors Century Farm Owners

HARRISBURG (Dauphin Co.) — Eighteen Pennsylvania farm families have been honored by the State Department of Agriculture as official Pennsylvania Century Farms. This brings to 1,622 the number of farm owners in Pennsylvania who have been recognized under the program.

"Our century farm families demonstrate a durability and love of the land that is the heritage of Pennsylvania," said Secretary of Agriculture Boyd E. Wolff. "Agriculture continues as Pennsylvania's leading industry and job creator because of the hard work, dedication, and innovation of rural families like these."

The Century Farm Program honors families whose farms have been in the same family for more than 100 consecutive years, contain at least 10 of the original acres, and gross more than $1,000 annually from the sale of farm products.

The following farm owners received certificates from the Department:

• **Adams County** — Nancy J. Sheely and Charloute R. Slaybaugh, Willow Road, Gettysburg, farm purchased in 1812 by their great-great-great-grandfather Alexander Young.

• **Armstrong County** — Wilbur M. & Isabel Beckett, Scenic Drive, Sarver, farm purchased in 1852 by his great grandfather William Beckett.

• **Berks County** — Myers D. & Mabel Adams, Pine View Road, Shoemakersville, farm purchased in 1888 by his grandfather Alfred Adam and uncle Jacob Adam.

Lester M. & Linda J. Lutz, Route 2, Kempton, farm purchased in 1858 by his great-great grandparents Issac & Sybilla Lutz.

• **Cambria County** — Ralph & Eva Howell, RD 1, Portage, farm purchased in 1892 by his great-great uncle Thomas Roberts.

• **Centre County** — Harry & Vivian Glossner, North Liberty Street, Blanchard, farm purchased in 1892 by his grandfather Harry Glossner.

• **Clarion County** — David & Ruth Delp, RD 3, New Bethlehem, farm purchased in 1840 by his great grandfather John Hamm.

• **Clearfield County** — The Robert Wriglesworth Family, Grampian, farm purchased in 1864 by Robert's great-great grandparents Thomas & Susanna Hoover.

• **Cumberland County** — Denny High McCullough, Centerville Road, Newville, farm purchased in 1870 by his great-great-great uncle James McCullough Sr.

• **Greene County** — Harold & Gertrude VanDruff and (daughter) Shari & John Curry, RD 2, Waynesburg, original purchase in 1881 by Shari's great grandfather William VanDruff.

• **Indiana County** — William G. Reeger, RD 3, Shelocta, farm purchased in 1884 by his great-great uncle Robert Lowry.

Norman & Dorothy Strong, RD 2, Strongstown, farm purchased in 1803 by his great-great-great grandfather James Strong.

• **Lancaster County** — Clair & Arlene Landis, Fairview Road, Ronks, farm purchased in 1853 by his great-great grandparents Jacob & Susan Ranck.

• **Lawrence County** — Chester & Ilene Gardner, RD 1, Wampum, farm purchased in 1893 by his grandfather James Gardner.

• **Mercer County** — Robert & Mary Reimold, Mercer Road, Fredonia, farm purchased in 1884 by his grandfather John Reimold.

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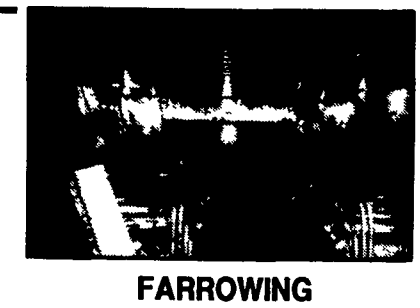

FARROWING

PFA Testifies On Health Care

HARRISBURG (Dauphin Co.) — A spokesman for a statewide farm organization presented recommendations for health care reform during Gov. Casey's seventh and final field hearing on the subject, March 25 in Harrisburg.

Cumberland County dairy farmer Richard Mains of Newville testified on behalf of the Pennsylvania Farmers' Association (PFA) during the hearing at River Rescue of Harrisburg, Inc., 1119 South Cameron Street.

Main is a member of the board of directors of the voluntary, farm organization which represents 23,189 farm and rural families.

Farmers support efforts to improve health care, Mains said, but remain committed to the present market-based health care system.

"Perhaps we have had too much experience with government administered farm programs to believe that improvements will result from a health care system highly managed by government," Mains said.

"Perhaps we have seen too many government run programs concentrated in populated areas to believe that access to health care services for rural residents will improve with increased government involvement."

Most farmers, Mains told the hearing, are self-employed businessmen and pay for their own health insurance and that of their employees.

Unlike corporations, self-employed farmers cannot deduct the full amount of their health insurance costs from their income taxes as a cost of doing business. As a result, health care costs can account for 14 percent to 18 percent of a typical farm family's living income, Mains said.

"Ways must be found to make it easier for people to afford health insurance and health care," Mains testified, "Farmers support tax credits and deductions and other financial incentives, like medical IRAs, to make it easier for self-employed people to afford health care.

"Farmers also support efforts to control health care costs through agencies like the Cost Care Containment Council; reductions in mandated coverage for health insurance plans; efforts to lower medical malpractice costs; use of surgical centers or outpatient facilities; and 'certificates of need' programs to prevent the oversupply of medical facilities."

Farmers and other rural residents are also concerned about reasonable access to health care, Mains said.

"Farmers believe that the government should provide incentives...," he said, like medical school loan forgiveness programs that encourage medical students to practice in rural areas; support for residency programs in rural areas; restoration of equitable Medicare payments to rural hospitals and physicians; and promoting the use of physician assistants or nurse practitioners to help improve the distribution of health care.

"In summary, farmers are concerned about both the costs and availability of health care services in rural areas," Mains said. "We recognize that improvements are needed in our current health care system but continue to believe that reforms to our market-based system offer the best way to solve our health care problems and improve health care delivery in Pennsylvania."

AGRICULTURE'S LEADING EDGE FFA

Keystone Farm Credit, ACA Elects Directors

LANCASTER (Lancaster Co.) — Keystone Farm Credit, ACA held its 1993 Stockholders' Meeting in three localized, sectional meetings on April 6 (Days Inn, Allentown), April 7 (Willow Valley Family Resort & Conference Center) and April 8 (The Inn at Reading).

Six people were elected to serve on the Keystone Farm Credit, ACA Board of Directors. From Region 1 (Berks, Chester, Delaware, Montgomery and Philadelphia counties), Charles E. Frederick and William P. Moore were elected. From Region 2 (Dauphin, Lancaster and Lebanon counties), Marlin H. Hitz and Mervin Sauder were elected. From Region 3 (Bucks, Carbon, Lehigh, Monroe, Northampton, Pike and Schuylkill counties) Hubert P. Sell and Rodger L. Wagner were elected. Frederick, Moore, Hitz, Sell and Wagner were incumbents.

Elected from the same regions to serve on the 1994 Nominating Committee were: Region 1, Ernest S. Lantz Jeffrey W. Mitchell William L. Beam Robert L. Freed and Glenn R. Moyer. From Region 2, Dale E. Hiestand, John L. Landis, Larry R. Weaver, David B. Kruger and Phares Z. Musser. From Region 3, Floyd w. Kurtz, Daniel Seiple, Paul L. Wisser, Daniel W. Haas and Norman J. Kurtz.

In addition to the elections, during the business portion of the meeting, CEO of Keystone Farm Credit, ACA, Philip W. Kimmel, presented the President's Report.

Keystone Farm Credit, ACA serves the financial needs of farmers and rural residents in the 15 county southeastern Pennsylvania area with approximately $380 million in short-, intermediate-, and long-term loans, country home loans and other farm-related, financial services.

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Milk Stays Better In Light-B

HUNTINGDON (Huntingdon Co.) — Milk processors should switch from packaging milk in translucent plastic jugs to pigmented, light-blocking jugs, said a dairy products specialist in Penn State's College of Agricultural Sciences.

"When exposed to light, milk in translucent plastic containers can develop a tallowy, woody or cardboard-like taste," said Sidney Barnard, professor of food science. "The chemical off-flavor develops with exposure to as little as 20 minutes of direct sunlight or 24 hours of fluorescent light at intensities above 100 foot candles."

Barnard led a team of faculty and students who purchased and evaluated 449 samples of milk in plastic jugs from Pennsylvania stores over the past three years.

"Almost half the samples, or 48 percent had pronounced light-induced flavors when evaluated within 36 hours after purchase," Barnard said.

The flavor change is accompanied by a decrease in the milk's nutritional properties. "Light exposure causes milk to lose vitamin A and riboflavin," Barnard said.

"The amount of nutrients lost and the intensity of the flavor change is determined by the intensity and nearness of the light and the length of exposure."

"Consumer preference studies have shown that four out of five people prefer milk without light-induced flavor," Barnard said. "This means that milk in translucent jugs is a definite problem for the milk industry."

"The incidence of pronounced light-induced flavors leads to the conclusion that all milk should be packaged in pigmented plastic jugs rather than translucent ones," he said. "This pigment can be a combination of titanium dioxide, talcum powder and yellow color at concentrations that block about 90 percent of short wavelength light rays."

Children in particular may find the light-induced flavor of milk distasteful. To get children to drink the milk they need for bone development and good health. Barnard suggested purchasing milk in pigmented plastic jugs or paper containers.

"Pigmented plastic jugs or paper cartons are the only containers that prevent off-flavor development and vitamin loss from milk purchased in stores," he said.

Since the 1940's, researchers at more than a dozen universities have studied the causes and prevention of light-induced flavor. A chemical company developed the first protective container in 1969 for a former Pittsburgh milk plant. The design wound up being popular with the household bleach industry, because it prevented significant losses in strength.

About three years ago, orange juice makers started using pigmented plastic to prevent a flavor defect and the light-induced destruction of Vitamin C. At least seven fluid milk processing plants in the United States use pigmented jugs, including one in Pennsylvania and one in Maryland. Barnard said it's time more milk processors followed suit.

Poison Prevention Tips

A large percentage of accidental poisoning in the U.S. occur in children under the age of five. But several steps can be taken to protect children and others from poisonous substances, said a Penn State consumer education specialist.

"Parents must be very watchful when using household chemicals or medicines," said Dr. Cathy Bowen, assistant professor of agricultural and extension education in Penn State's College of Agricultural Sciences.

THIS [redacted] (LITTLE PELLET) WILL MAKE IT EASY TO BUY BULK MINERALS.

Consultants Benefit Landow

YURIY BIHUN
Forest Stewardship Associate
Penn State University

UNIVERSITY PARK (Centre Co.) — If you're like most woodlot owners who decide to harvest timber, you usually sell stumpage - standing timber - or market your cut sawlogs roadside to a log buyer, timber harvester or sawmill owner.

Some landowners shop around, others take the first offer that comes down the pike. Since most forest landowners are not professionals at marketing timber, you may come out a loser in the deal without help from an expert.

In Pennsylvania, less than 25 percent of all timber sales on private, non-industrial woodlands involve the service of a professional forester.

However, repeated studies have shown that forester-assisted timber sales net a greater return for the landowner and more than cover the cost of hiring a professional forester.

Three-quarters of all sales that involve a forester require an up-front lump sum payment to the seller before harvesting begins as opposed to a "pay-as you-cut" method.

Moreover, competitive bidding procedures are used on forester-assisted sales, which usually result in higher returns to the landowner.

Sound forest management usually results in a more productive forest and continued income-producing potential from future growing stock.

A competitive bid sale allows the landowner or forester more control over harvesting activities and the flexibility to implement practices that reflect the principles of forest stewardship.

Those who are first-time timber sellers may have some questions about where to begin.

For instance: How is timber marketed on the stump? Is timber selling similar to selling livestock or tobacco? What goes on when a timber sale is put up for bids?

The first step in selling timber on a competitive bid basis is to send out a request to potential buyers to submit written, sealed bids on a particular tract of timber and an invitation to a timber showing.

A prospectus that includes a timber sale map, timber sale volume estimate, and a bid form should be enclosed with the invitation letter.

In addition to volume estimates and calculations, the contract requirements and sale specifications should be included in the prospectus.

Although not all foresters include the same information in their prospectus, some of the items that can be expected to be included fall under the catagories of sale specifics, volume calculations, and contract executions.

Under sale specifics, expect to include details of the acreage included and a map; the number of stands or cutting units; a timber and marking system; road construction; seeding and mulching of lof landings; the method of silviculture (for example, specify whether the potential harvester is to clearcut, or take individual trees.); the dates and a time limit for harvesting; outline any special features for protection, such as biological or archeological features; stump height requirements, tree top-lopping specifications, slash (residue) treatment; and details for crossing streams.

Under the catagory of volume calculations, provide the sawtimber and pulpwood volumes, by species, stand or cutting unit; the number of trees; average volume (per acre, or per tree); log scale; and site index. Even if each tree has been tallied, volumes are not guaranteed and the bidder has to make his (or her) own estimate of the merchantable volume. Gener-

Light-Blocking Container

Bowen and other consumer experts were preparing to observe National Poison Prevention Week, March 21-27. The theme of Poison Prevention Week was "Children Act Fast... So Do Poisons."

Medicines and household hazardous products such as cleaners, polishes and some household pesticides are among the most commonly reported substances in accidental poisoning. Bowen said young children are especially at risk.

"Children under the age of five are in stages of development where they are constantly exploring their surroundings," she said. "It is also common for crawling, climbing and walking stages, parents and other adults should store hazardous household products and medicines out of their reach.

"Children can grab a product and swallow it in the short time it takes to answer a telephone call or doorbell," Bowen warned. "In addition, many household cleaners have a pleasing smell and are packaged in bright, colorful containers. Children love bright items".

Since most people use hazardous products almost daily, Bowen said it is important to take a few simple precautions to guard against accidential poisoning.

Store hazardous products in original containers out of the reach of children.

Never leave a cleaning product or other hazardous substance unattended while using it.

Refer to medicines by their proper names. Never call medicines "candy" to get children to take them.

Keep tiny batteries for watches, hearing aids and other small items out of children's reach.

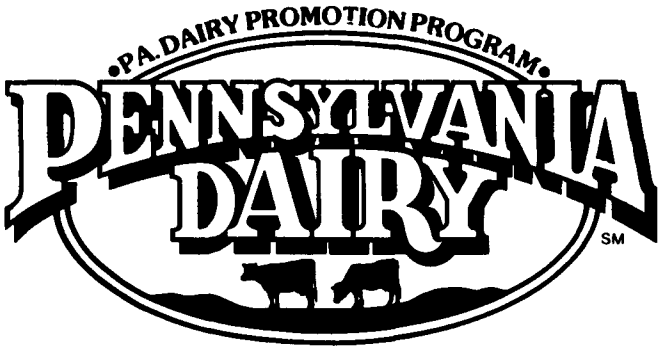
Bowen also said to be prepared in case accidental poisoning does occur.

Keep the Poison Control Center number on or near every telephone in the house. To find the number, look under the emergency number section in the telephone directory, or call a pharmacist, hospital or physician.

Keep a bottle of syrup of ipecac in the medicine chest or first aid box. Ipecac is available at pharmacies. But DO N OT USE syrup of ipecac unless instructed to do so by Poison Control Center personnel.

"It only takes a few minutes to look around your home and take some precautions to prevent accidental poisoning," said Bowen. "It could save someone's life."

For more information on National Poison Prevention Week or preventing accidental poisoning at home, contact the local county Penn State Cooperative Extension Office.



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Landowners Selling Timber

ally volume adjustments are not made, but this depends on the individual sale.

Under contract execution, the prospectus should probably include the specific contract, a certificate of worker's compensation, penalties for contract violations, general liability insurance, and a payment schedule.

An acceptable-performance and completion bond, of 5 percent to 10 percent, is usually required within 30 days of awarding the contract.

Recently, I had the chance to follow a timber sale and observe one small step in the entire process of marketing timber — the timber showing.

On this particular sale, the forester mailed 80 invitations and about a dozen people showed up for the tour of the sale area. An assortment of loggers, industrial foresters, timber buyers and sawmill owners posted for the showing.

After a brief introduction, the forester in charge of the sale read over the prospectus, discussed some of the specifics of the sale and answered questions.

Interested bidders drove out to the proposed sale location where the forester discussed landing location, access, gravel for roadbuilding, culverts and other erosion and sedimentation concerns.

The forester then took the group into the woods and discussed the nuts and bolts of the sale: timber sale and property boundaries, cutting requirements, buffer strips to protect stream channels, location of main haul road and major skid trails.

In some cases, the forester has the main skid trail flagged before the sale; other times the logger and forester work out the details once the contract is awarded.

On this particular sale, one-tenth of the trees marked for removal had been scaled as "check-trees" and their volume was specified on an attached check tree sheet.

Loggers were encouraged to estimate their volumes and compare them to the volumes determined by the forester.

After a tour of the proposed sale, the group returned to a roadside location for questions and last minute instructions for submitting the bids.

The deadline for sealed bids with a 10 percent deposit was set for 10 business days from the showing.

Of the dozen potential buyers who attended the timber showing, five submitted bids before the deadline. Two additional bids came in late and were not accepted.

The bids were opened on the deadline date and, in this case, the highest bid came from a very reputable logging operator who won the sale.

In most cases, the forester is not required to accept the highest bid and weighs a variety of factors before awarding the sale, including the reputation of the timber harvester and ability to meet the contract specifications.

In this particular sale, the winning bid was $62,300. The next highest bid was $42,000 — a difference of more than $20,000.

Most consulting foresters charge 15 percent of the sale price. In this sale, that came to about $9,345.

Without the competitive bid process, the landowner might have sold his timber for $42,000 or less.

Would you spend $9,345 to make $20,300?

If you are considering selling timber, it is in your best interest to take advantage of the competitive bid process and use the services of a professional forester to assure wise forest stewardship of your natural resources.

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MANAGING BROILERS DURING HOT WEATHER

W. D. Weaver
Professor And Head, Dept. Of Poultry Science

Pennsylvania has certainly experienced a severe winter, punctuated with low temperatures and a large accumulation of snow, all of which can place extreme stress on all species of poultry.

With the winter of 1993 and its many days of snow and bad weather still imprinted on our minds, poultry farmers may have difficulty focusing on hot weather and the stresses, and in some cases, death, that can occur under these conditions.

But we all realize that winter is followed by spring and then summer, and in many instances the stresses imposed by summer heat can be even more devastating than the cold conditions of winter.

Genetically, broilers are selected to grow rapidly and to convert feed to meat at a high level of efficiency. To accomplish this feat, broilers have had to give up a number of fitness traits which allow them to survive under somewhat extreme conditions.

The ability to withstand heat is such a trait. For example, producers continue to upgrade their facilities to assist birds in coping with hot weather. First, fans were used to remove hot air and to create air circulation. Then, approximately 10 years ago, evaporative cooling systems (both foggers and pads) were introduced to further assist with keeping birds comfortable.

Most recently a management practice known as tunnel ventilation has been installed in a number of Pennsylvania broiler houses to further aid in the reduction of the stresses associated with summer heat.

Before proceeding with a discussion on the operation of the various ventilation and evaporative cooling systems, let us address the mechanisms birds have at their disposal for regulating body temperature. In addition to two lungs, birds have nine separate air sacs located in the body cavity that aid in reducing body temperature. By increasing the rates of respiration (panting), the bird is able to increase the rate of airflow through the air sacs and accelerate cooling by evaporation (heat required to convert water to a vapor) and convection (heat removed by passing cool air across a warm surface). Birds also cool themselves by dusting in the litter which allows heat to be transferred from their body to the litter (heat transferred from a warmer to a cooler object by contact is known as conduction). Birds will also hold their wings away from their bodies, which allows greater amounts of cooler ambient air to pass over a larger portion of the body surface (another example of convection).

The orientation and general design of the poultry house can impact on how cool it will remain during warmer months. The long axis of houses with curtain sidewalls should run east and west. When adequate roof overhang is provided, this arrangement will not allow the sun to directly shine into the house during the warmer months, because during this time of year the sun traverses a higher arc in the sky. Further, during the colder months when the sun remains closer to the horizon, it will many times shine into the house and produce some solar warming.

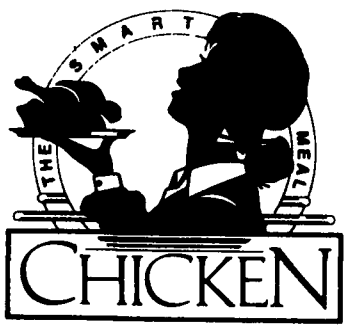
Adequate roof insulation is also important to reduce the heat that can be gained through radiation heat transferred from a warmer (roof) to a cooler (bird) surface. Fibrous (fiberglass, cellulose, etc.) and rigid board (polystyrene, polyurethane, etc.) materials are generally used for insulation in broiler houses and should be installed at a rate that will provide a minimum of R=20 in the ceiling and R=14 in the sidewalls.

"Tunnel ventilation" is a new management concept which has been introduced during the last several years to further aid producers in coping with high summer temperatures. The system places all of the exhaust fans in one end of the building and the air inlets in the other, and when operating, creates a constant stream of air down through the house. Tunnel systems are normally designed to create an air jet which travels at approximately 400 feet/minute from the inlet to the far end of the house (another example of convective heat loss).

The best way to conceptualize the system is to view the cross section of the house as one large air inlet, for example, a house which is 44 feet wide and has a 10 foot high ceiling would have a cross section area of 440 square feet. The calculation required to determine the needed fan capacity is simply 440 square feet x 400 feet/minute (speed of the air jet) = 176,000 cubic feet/minute or CFM.

Tunnel ventilation in general operates in conjunction with foggers installed in bands approximately 50 feet apart across the house. Fogger nozzles should be a hollow cone design and emit a wide angle mist (approximately 100 degrees), and when operated at a minimum pressure of 200 psi (pounds per square inch), provide approximately two gallons of water per nozzle per hour (2 GPH). Further, the combined capacity of all nozzles should provide nine gallons of mist (water) per hour per 1,000 square feet of floor space.

As geneticists continue to select broilers to grow more rapidly and the market place continues to require larger birds, integrators and producers will be continually challenged to upgrade their management practices to cope with hot weather conditions. First, producers must understand the bird's natural mechanisms for cooling itself, then be willing to assist these mechanisms with mechanical systems to maximize performance. Tunnel ventilation supported with foggers is the system of choice today for accomplishing this feat.



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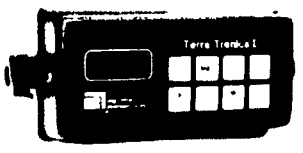
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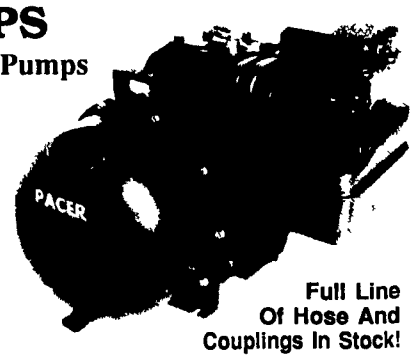

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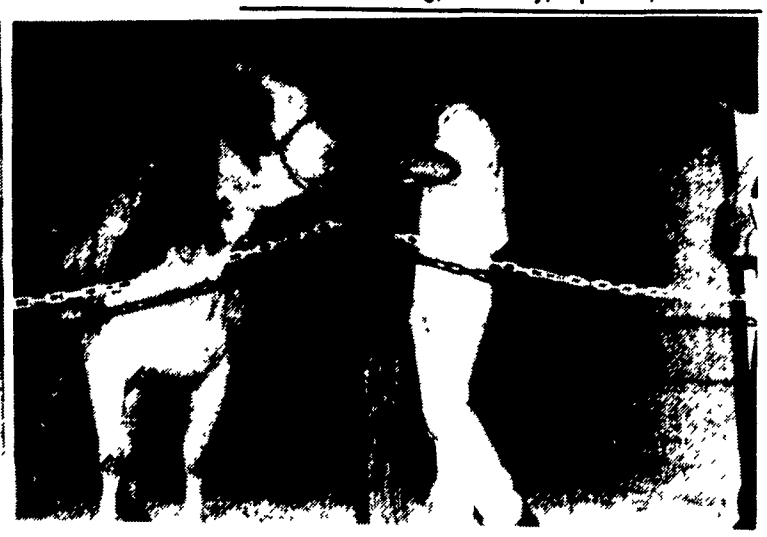

Attendance to the Pennsylvania Holstein Showcase Sale is heavy despite coinciding with this year's Easter holiday. Buyers came from a number of states throughout the nation.

Holstein Showcase Sale Averages $1,700

GAIL STROCK
Mifflin Co. Correspondent

STATE COLLEGE (Centre Co.) — With choices of pregnancies leading sales, overall, 186 lots sold for an average of $1,716.82 at the Pennsylvania Holstein Showcase Sale, held here Saturday at the Penn State University Ag Arena.

Not only did all lots sell for a respectably high average, 16 lots sold for $3,000 or more.

Sponsored and managed by the Pennsylvania Holstein Association, in addition to Keystone Holstein enthusiasts, the sale attracted buyers from a number of different states including California, North Carolina, Maryland, New York, Arkansas, Illinois, Iowa, and Wisconsin.

According to William Nichol, executive director of the Pennsylvania Holstein Association, more lots were consigned this year and prices held strong throughout the day. He also said that attendance was good in spite of the Easter holiday.

At $5,700, the highest price was paid for a choice of three pregnancies from Mun-Cre Stewart Lill, owned by Michael and Cinder Weimer, of Solid Gold Holsteins, in Emlenton. The buyer was Floyd Wiedower, from Greenbriar, Ark.

The second highest price was $5,100, paid for the choice of six pregnancies from GLC Laban Karrie-ET, owned by Randy and Kim Brown, of Stonee-Ridge Holsteins, in Acme. The buyer was William Wilcox, of Covington.

The third highest price was $4,000, for a heifer calf consigned by Roger Sherwood and George Sheypuk, of Meshoppen. The buyers were mark and Paul Darling, of Nicholson.

At fourth highest price was a consignment choice of five pregnancies from Weaverline Holsteins, of Myerstown, which sold fro $3,900 to Robert Long, of Waynesboro.

Also bringing noteworthy prices were four calves. Kerry Wack, of Harmony, paid $3,750 for Moloko Oscar Brite-ET; Jarod Buck, Annville, paid $3,700 for MS MC Mun-Cre Thor Poke-ET; and two lots brought $3,600 each, one bought by Alan Koeble of Teneopolis, Ill., and James Dunn, New Ringgold.

Also of note during the sale, for the third straight year Union County 4-H Dairy Club Leader Dan Spangler, of Harmony Springs Farm, in New Berlin, was again on hand to help his club members purchase their show animals from the offerings at the spring sale.

Market Sets Bedding Plant Auction

CHELTENHAM, Md. — The Southern Maryland Regional Farmers Market (SMRFM) is expanding its operating season to include spring bedding plants. The season will begin with the addition of a bedding plant auction on Friday, April 23 at 11 a.m. inside of the warehouse.

The bedding plant auction is a first-time endeavor for the market. Traditionally the SMRFM begins its season in early June as produce just starts to come in. If successful, additional plant auctions will be held on Friday, May 7 and Friday, May 21 at 11:00 a.m.

The SMRFM is located on U.S. Route 301 south, next to the Veteran's Cemetery in Cheltenham, Md. It was created in 1989 to provide an opportunity for farmers to expand into alternative crops such as fruits and vegetables. As a nonprofit corporation established to serve growers in southern Maryland and adjoining areas, the SMRFM is continually looking for ways to improve.

For more information, call (800) 533-FARM or (301) 372-1066. Mailing address is P.O. Box 144, Cheltenham, MD 20623.

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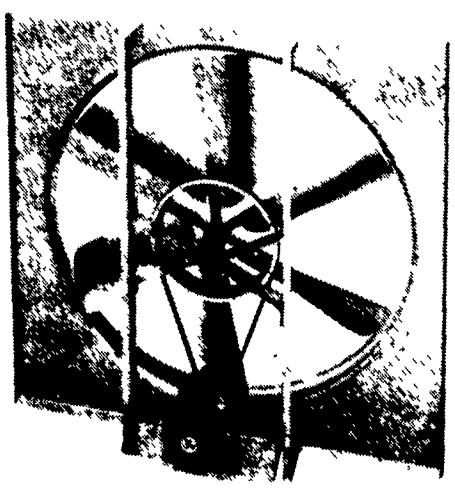

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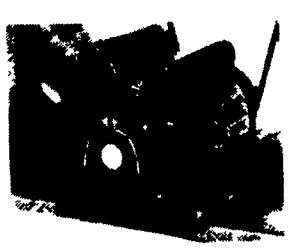

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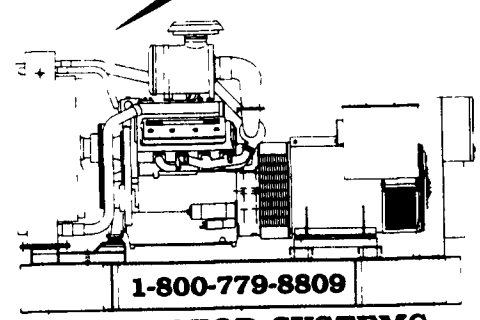

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Student Ag Day At Maryland Set

COLLEGE PARK, Md. — Every year, on the fourth Saturday in April, College of Agriculture students alert their peers and Washington, D.C. area commuters to the fact that farm animals still are part of scene on the urban-oriented University of Maryland campus at College Park.

As it has for two-thirds of a century, this year's Student Ag Day on April 24 will attempt to convey the atmosphere and traditions of a country fair in an urban setting.

Most activities will center on the livestock barns area, behind the Institute for Physical Science and Technology, at the intersecition of Regents Drive and Farm Drive. The event will run from 9 a.m. to 4 p.m. There is no admission charge.

Typical of country fairs, Ag Day will feature student competition in fitting and showing dairy cattle, beef cattle, swine, and sheep. Meanwhile, student riders from the nationally famous Maryland Cavalry Regiment will perform nearby.

By 2:30 p.m. the winners in each livestock class will be exchanging animals to determine who deserves the honor of being selected grand champion showman. University of Maryland faculty members and alumni - with little or no previous experience - will compete at 1 p.m. in a humor-filled swine showmanship contest.

Barbecued beef hamburgers, chicken hot dogs, and the famous University of Maryland ice cream will be sold throughout the day by College of Agriculture student clubs. Bedding plants and vegetable transplants will be sold by the University of Maryland student chapter of the American Society of Agricultural Engineers.

Barnyard babies from the Baltimore Zoo will be included in a farm animal petting zoo for children in the new lobby addition to the Animal Sciences Building on the College Park campus.

The Ag Day official program booklet each year carries a surprise tribute honoring a College of Agriculture faculty member. This year's booklet is dedicated to a College of Agriculture administrator.

Ag Day is sponsored each year by the Agriculture Student Council at the University of Maryland, with cooperation from other student organizations in the College of Agriculture.

This year's planning committee coordinator is Kathleen W. Bauer of Picketts Corner, near Woodbine (Carroll County). Bauer is a University of Maryland senior, majoring in general agriculture. She works with her brother, Kenneth W. Bauer, Jr., in a swine operation.

Gary E. Seibel, an agricultural engineering senior, is president of the Ag Student Council. Seibel grew up in the Knollwood section of Adelphi (Prince George's County).

Jerry V. DeBarthe of North Laurel (Prince George's County) is a longtime advisor for Ag Day and the Ag Student Council. DeBarthe is an associate professor of animal sciences at the University of Maryland.

DeBarthe sees the Ag Day fitting and showing competition as an opportunity for student participants to acquire something more than textbook knowledge about the care and handling of farm animals.

He also notes that this year's show informally kicks off a "Partners in Education" joint program that permits College of Agriculture students at the University of Maryland to gain practical experience in working with animals at the U.S. Department of Agriculture's nearby Beltsville Agricultural Research Center.

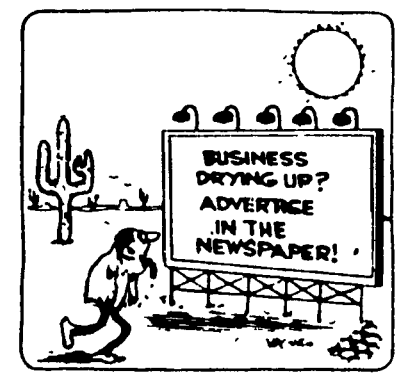
Earlier this year, the University of Maryland sheep flock, housed for many years at College Park, was eliminated because of a disease outbreak. So arrangements were made to hold the Ag Day sheep fitting and showing competition at 9 a.m. on April 24 in the Sheep Nutrition Barn (Building 435A), - formerly known as the Goat Barn, - at the Beltsville location. The winner will compete that afternoon for grand champion showmanship honors with the other livestock winners at College Park.

Thomas E. Mullinix of Dayton (Howard County) will be the official sheep showmanship judge Mullinix is sheep flock manager at the Beltsville Agricultural Research Center.

Bonnie Graves Remsberg of Middletown (Frederick County) will judge the dairy cattle showmanship competition. She and her husband, Thomas D. Remsberg, are Holstein breeders.

William N. Gregg, Jr., of Woodfield (Montgomery County) will be the beef show judge Gregg and his father are former Angus cattle breeders.

Kenneth W. Bauer, Jr., of Woodbine (Carroll County) will judge the swine showmanship contest.



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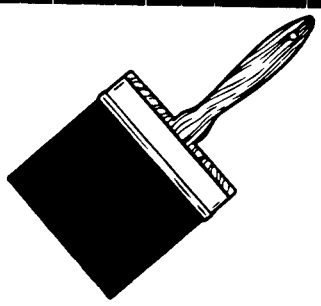

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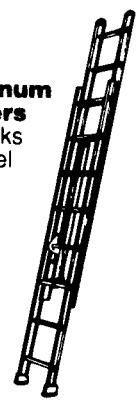

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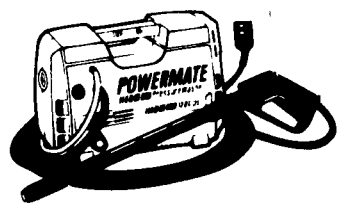

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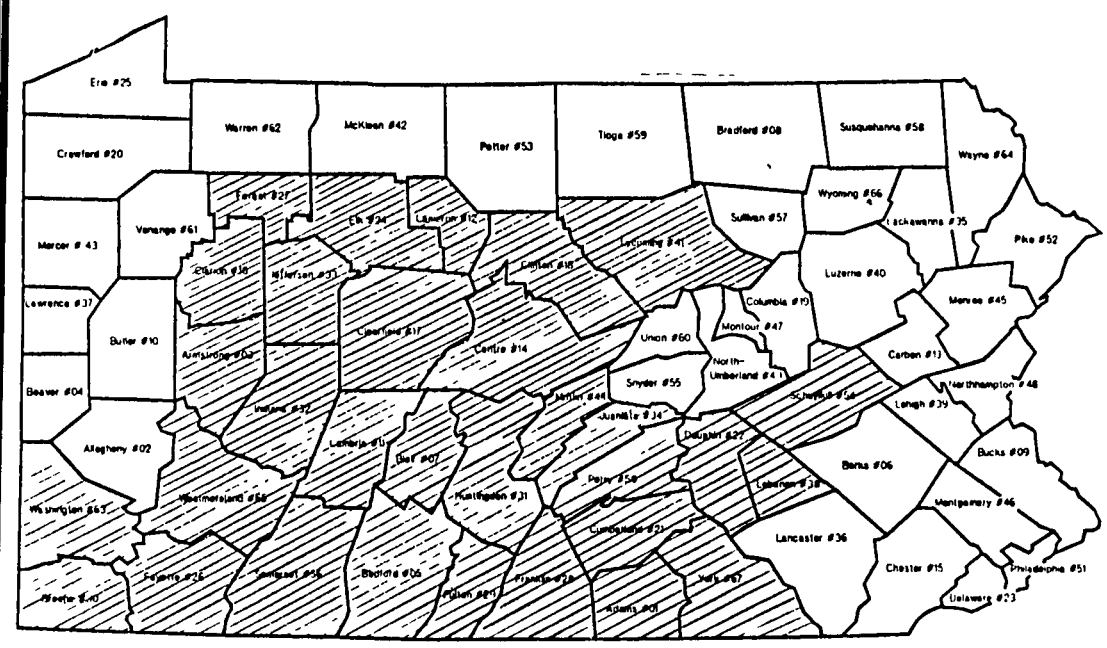
EDUCATIONAL ENHANCEMENT for Children of Hired Laborers

The Lincoln Intermediate Unit No. 12 Migrant Child Development Program, LIUMCDP, provides supplemental education for children of migratory farmworkers. The goal is to enhance and enrich migrant children's lives through academic achievement, positive self concepts, and an awareness of available career opportunities. Through these services, children become empowered to succeed. In return, parents attain a better self image about themselves that becomes evident in their work performance.

LIUMCDP is dually funded, receiving monies from the state and federal government. LIUMCDP, one of 5 migrant sites in Pennsylvania, serves 31 counties in the south-central part of the state.



LIUMCDP serves children whose parents/guardians

1. work or have worked in seasonal or temporary agricultural employment

2. have moved across school district or state boundaries within the last 6 years.

In Pennsylvania, agricultural employment includes: dairy farming, tomato, vegetable and fruit harvesting; poultry and food processing; and lumbering.

Specially trained recruiter/community liaisons locate, identify and enroll eligible children. They also disseminate useful information about local resources and provide follow up support services as needed.

We enroll children from birth through the age of 22 if they have not yet graduated from high school. LIUMCDP programs vary according to need and migrant concentration per county. Overall, programs include: Daycare/Preschool Kindergarten Centers; Public School - tutorial intervention; English As A Second Language; Summer School Enrichment, Summer Career Education and Summer Intensive Language Programs; In-Home Summer Regression Prevention; and Parents as Tutors Program. Children are served throughout the state based on assessed need.

If you employ hired hands on your farm, please call our office. They may be eligible for important educational benefits. For more information, contact:

Parker C. Coble, Director, Lincoln Intermediate Unit No. 12, 65 Billerbeck Street, New Oxford, PA 17350, (717) 624-4616

Ivah Johnson, Western Liaison, 31 West 3rd Street Rear, Everett, PA 15537, (814) 652-9031

Gettysburg Field Office, Migrant Child Development, 52 Foth Alley, Gettysburg, PA 17325 (717) 334-0006

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INFINITY is a system of 10 information service modules. Each Module is independent of the other, and the modules are integrated through the system so that information can be traced between modules as it is needed.

Each module has a specific application to DHIA needs. For example, the Dairy Management System is a traditional paper-based dairy herd management service providing the entire range of official and unofficial records services for dairy producers. As another example, the Laboratory Control System is a PC-based system that controls infra-red milk analysis machines, stores the output of individual tests and integrates it with other systems and provides management information for lab management personnel.

The power of INFINITY comes from the unique integration of the individual service modules which permits information in one module to be shared with other modules. While some modules rely on input of data from other modules, the overall design allows a DHIA or dairy producer to select only those modules needed. Systems Overview of the 10 modules is as follows:

1. Dairy Management System-Package Reports for herd and cow mgt.
2. On-Farm system-Dairy Comp 305 and Dairy Plan
3. On-Farm System Plus Genetic Evaluations and Young Sire Programs
4. Field Services System
5. Data Entry System
6. Laboratory Control System
7. Extension and Education Service

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* Statistical Analysis of database information
* Custom report generation with TIF
* Standardized monthly and year-end reports
* Training manual with videos

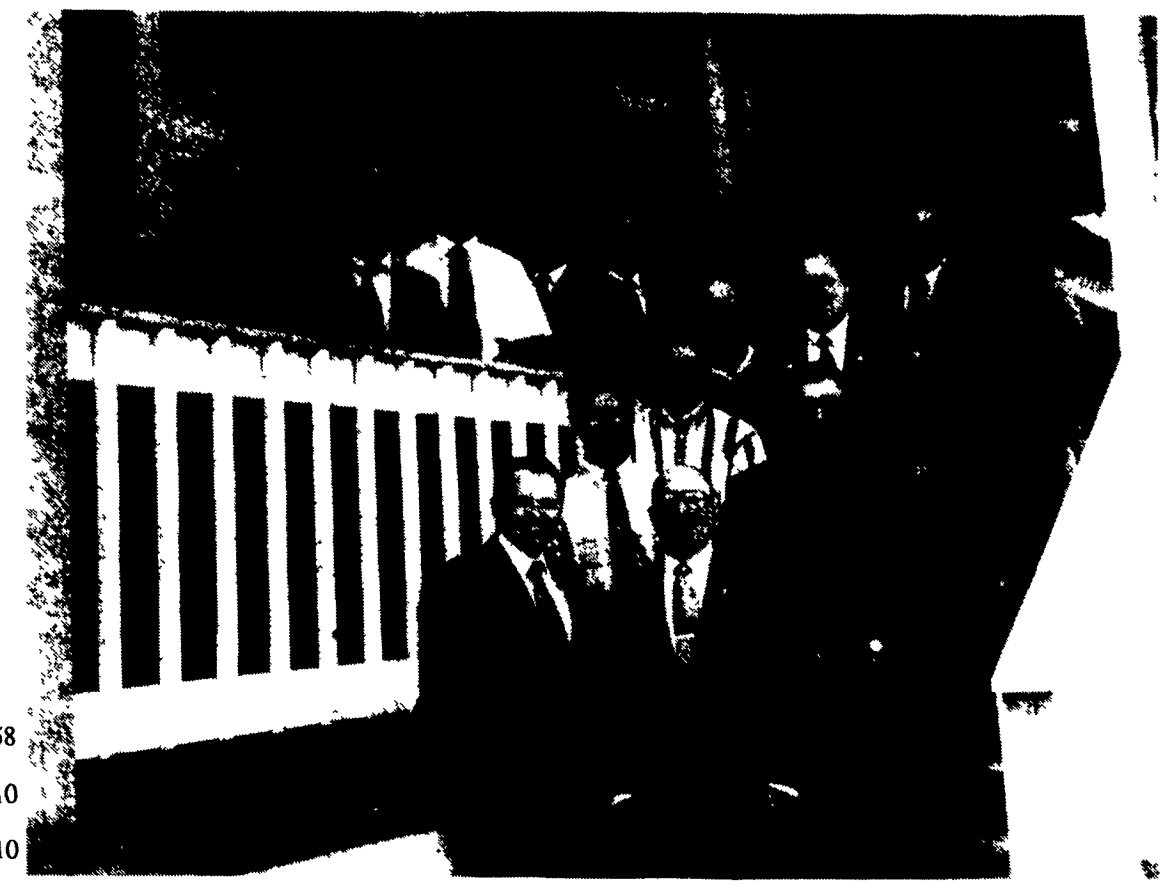
8. Consultant's Service
9. Communication System
10. Finance Personnel Services

FOCUS

Pennsylvania Dairy Herd Improvement Association

Pennsylvania DHIA news is presented in FOCUS each week in cooperation with Dixie L. Burris, manager of membership development.

For more information about these news items or the services of DHIA call 1-800-DHI-TEST. The call is free.



The 1993 directors of Pennsylvania DHIA in the photo taken at the headquarters in State College are, from left at bottom: Frank Orner, Rockton, president; John Castrogiovanni, Montrose; Neal McCulloch, Newville; Dennis Daubert, Pine Grove; Ralph Gilkinson, Wattsburg; George Cudoc, Valencia; Lane Sollenberger, Fayetteville; Norman Hershery, Gordonville, treasurer; Dale Hoover, Lebanon; John Wilcox, Troy, and Steve Mowery, Roaring Springs. Above: Brooks Smith, Newport; Andy Meier, Friedens; Joseph Lyons, Millville, secretary; and William Jackson, New Salem, vice president. Missing from the photo are: John Brodzina, Tyrone; Donald Duncan, Robesonia, and Robert Kindig, Conestoga.

Average Farm Feed Costs For Reference

To help farmers across the state to have handy reference of commodity input costs in their feeding operations for DHIA record sheets or to develop livestock feed cost data, here's this week's average costs of various ingredients as compiled from regional reports across the state of Pennsylvania. Remember these are averages so you will need to adjust your figures up or down according to your location and the quality of your crop.

Corn, No. 2y - 2.39 BU. 4.28 CWT.
Wheat, No. 2 - 3.34 BU. 5.58 CWT.
Barley, No. 3 - 1.92 BU. 4.10 CWT.
Oats, No. 2 - 1.64 BU. 5.10 CWT.
Soybeans, No. 1 - 5.63 BU. 9.39 CWT.
Ear Corn - 64.47 TON 3.22 CWT.
Alfalfa Hay - 107.00 TON 5.35 CWT.
Mixed Hay - 93.75 TON 4.69 CWT.
Timothy Hay - 110.50 TON 5.01 CWT.

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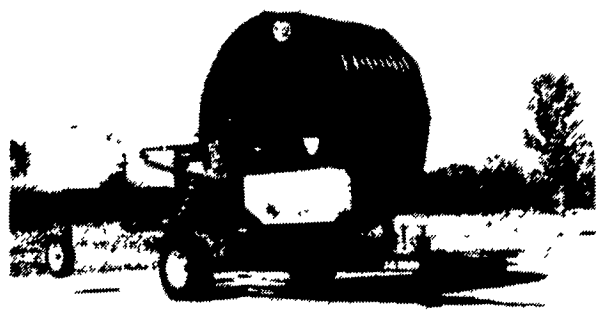

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4"x40'	1.85 per ft. = 74.00 section	1.95 per ft. = 78.00 section	1.95 per ft. = 78.00 section
5"x20'	1.85 per ft. = 74.00 section	1.95 per ft. = 78.00 section	1.95 per ft. = 78.00 section
6"x30'	2.85 per ft. = 85.50 section	3.25 per ft. = 97.50 section	3.25 per ft. = 97.50 section
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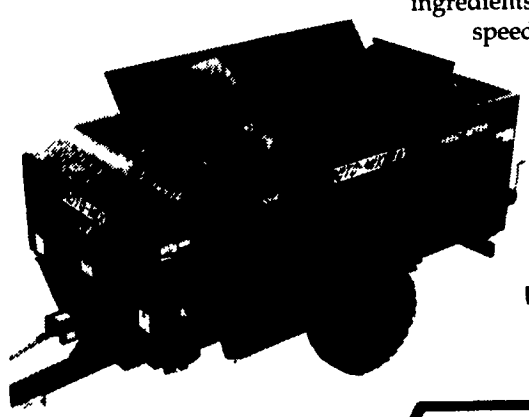

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Pa. Second In Nation In Farmland Protection

VERNON ACHENBACH JR.
Lancaster Farming Staff

HARRISBURG (Dauphin Co.) — Pennsylvania moved up to second place in the nation for the most acres of agricultural land preserved through the purchase of development easements.

Last week, the Pennsylvania Agricultural Land Preservation Board approved 26 easement purchases which makes the state second only to Maryland in total acres of farmland protected from residential, industrial and commercial development, according to the state Department of Agriculture (PDA).

The farmland preservation program was created because many organizations and government agency policies place agricultural uses for land as low-value, as compared to residential, industrial and commercial development.

These policies, which reflect inter-generational desires for capitolizing on short-term land use, do not take into account the long-term, or multi-generational benefits of land use.

Through the farmland preservation program, the general population permanently purchases development rights by using taxes and private donations. Under the program, current land owners are paid the difference between current assessed value per acre of agricultural land and the assessed value for the highest-value land use.

The program is overseen at the state level by a board of directors. It is initiated by landowners who must apply to a county level board and funding must also be shared at the county level. The county government holds title to the development easements.

Last week the state board approved easements for 26 farms in 15 counties. The total amount of prime agricultural land now permantly saved in Pennsylvania is 32,246 acres.

"The farms reviewed at today's meeting included a 1,000-acre farm in York County, and the first farm approved for easement purchase in Snyder County," said state Agriculture Secretary Boyd Wolff, in a news release. As secretary, Wolff is also chairman of the state ag preservation board.

"(Last week's) board action makes Pennsylvania second in the nation among efforts to save vanishing farmland. Only Maryland has protected more acres than we have."

Although not yet recognized by most government officials as a valid reason for seeking farmland protection easements, recent studies done by the Penn State University and other colleges have shown that agricultural land use is beneficial to communities for a variety of financial reasons, but mainly because tax revenues from agricultural land are higher than local expenditures to agricultural land.

According to Timothy Kelsey, assistant professor of agricultural economics in the Penn State University Department of Agricultural Economics and Rural Sociology, the result is that farmland is a long-term, tax-base benefit. It means that easement purchases can be expected to more than pay for themselves to the benefit of local communities.

On the other hand, while residential development generates more short term finances for individuals and government, residential land use has proven to be a constant drain of local funds.

The result is that land used for residential development hurts the local tax-service balance.

Similar to farmland, industrial and commercial zoning has been shown to provide a tax benefit to local communities, although it's not clear whether the price of long-term environmental cleanup associated with historic American industrial development actually is offset by the tax benefits to a community.

In a Penn State Extension publication authored by Kelsey, he stated that, "Some residents may not appreciate the smells, sounds, or other inconveniences of living near farms, but these (study) results suggest that all residents benefit from farm and open land.

"The property tax revenue from these lands helps keep residents' taxes low. Farm and open land in the case study townships, for example, provided $312,181 to their school districts. This is above and beyond the property taxes farmers paid on their buildings and homes.

"When farmland is converted to residential purposes, these benefits are lost.

"If the number of children in the new houses requires the school district to hire (additional) teachers or build (additional) schools, or the local government to increase service expenditures, the impact of farmland loss can be especially dramatic.

"The land will be converted from a net contributor to the municipality and school district into a net drain."

For more information about farmland preservation, contact the state Department of Agriculture, local county government, or local extension office.

Farmers Union Seeks Legislative Remedies

HARRISBURG (Dauphin Co.) — Pennsylvania Farmers Union members from around the commonwealth converged on the state Capitol last week to take the general farm organization's priorities for legislative action to members of the agriculture committees and other key legislators.

"We gave legislators our entire policy statement for 1993, but spent most of our time during visits on a shorter statement of our seven top priority issue areas with a few specific ideas for legislative action in each area," said PFU President Robert C. Junk Jr.

The seven subject areas were commodity prices and farm income, fair trade, health care reform, tax reform, environmental concerns, game law reform, and youth involvement.

"We recognize that several of these priorities involve national, or even international, policies and programs," Junk said, "but there are still state-level impacts and things that can be done at the state level to help."

As an example, Junk said that a recent decision by an international dispute resolution panel found that several U.S. states bordering Canada were in violation of the U.S.-Canadian Free Trade Agreement because of their excise taxes on Canadian beer.

"The current language of the North American Free Trade Agreement does nothing to safeguard the rights of states from some unelected, unaccountable international body," Junk said. "All it does is extend the current problem into Mexico," he added.

According to Junk, health care reform is another area in which state government should play a role, in spite of activities taking place at the national level.

"Of all of the states that have already passed health care reform bills, it seems that only Minnesota's law specifically addresses the special problems of rural citizens in getting better access to health care," Junk said.

"Our members asked legislators to include language similar to Minnesota's in any health care legislation that might pass in Pennsylvania," he said.

On the tax reform issue, Junk explained that Pennsylvania Farmers Union members believe that there simply has to be a fairer way to pay for schools than through property taxes, and that nearly every legislator had agreed.

"Our proposal is to allow localities to have up to half of their funding from property taxes, but to raise the rest through income taxes," Junk said.

The primary environmental issue raised by the group was the nutrient management bill, H.B. 100, which passed the House earlier this year and is expected to pass the Senate Agriculture and Rural Affairs Committee later this spring.

"We are comfortable with most of the provisions of the bill," Junk said. "The tough issue for us now," he added, "is to get enough funding for conservation districts and others to administer the program, and also for farmers to receive cost-share assistance in putting their plans to work."

Junk explained that, depending on the farm, compliance with a nutrient management plan could be relatively simple, but could also mean building expensive manure storage facilities.

In the area of game law reform, the farm group leader emphasized the need for hard numbers on crop damage caused by wildlife.

"Nearly every farmer has had to deal with the problem, but statewide financial loss totals aren't available, and that's made it harder to advocate for a statewide solution," Junk said.

"It doesn't have to be complicated," he added. "Something as simple as moving doe season to cover the weekend after buck season would help, since most hunters wouldn't have to take any extra time off from work," he said.

Junk explained that the organization's youth involvement priority was aimed primarily at its own activities.

"Still, our hope for greater youth involvement in the Pennsylvania Farmers Union is a symptom of the need for greater youth involvement throughout agriculture. Young people have been understandably turning away from farming as a career, and it is showing up in our schools' vocational agriculture programs — where they still exist," Junk said.

The Pennsylvania Farmers Union is a general farm organization representing nearly 3,000 farm families throughout Pennsylvania.

Lebanon Gets Water Quality Funds

NORTH CORNWALL (Lebanon Co.) — Funds totaling $46,800 have been made available under the 1993 Agricultural Conservation program (ACP) to implement conservation management practices in the Tulpehocken Creek Watershed, according to Jenifer K. Minnich, county executive director of the Lebanon County Agricultural Stabilization and Conservation Service.

"The Water Quality Incentive Project (WQIP) provides both technical and financial assistance for producers to change management systems to help solve resource problems associated with agricultural non-point source pollution adversely affecting water quality," Minnich said. The WQIP funds will be used to improve and protect water quality in the Tulpehocken Creek Watershed, she said.

To participate, farming operations must be contributing — or have the potential to contribute — through their current management system, agricultural non-point source pollutants such as agricultural chemicals, animal wastes, or sediments to surface or groundwater. "Incentive payments will only be available for management practices," Minnich said.

The Tulpehocken Creek Watershed Project covers a two-county area of about 43,300 acres.

"Agricultural producers in Lebanon and Berks Counties should be alert to this project," said ASCS official Minnich. "It is a good way to help solve a larger, community-wide problem and the incentive payments gives producers a good opportunity to participate."

Eligibility for participation in all programs administered by ASCS is on a nondiscriminatory basis as established under law without regard to race, color, religion, national origin, age, sex, marital status or disability.

Bull Test Sale Set

EATON, N.Y. — The 1992-1993 New York State Bull Test is now complete and the "cream of the crop" will be sold at 7:30 p.m. on April 23 at the Livestock Pavilion on the Cornell Campus in Ithaca. Thirty-eight bulls representing 10 breeds will be up for sale.

The sale will start with eight Polled Herefords, which will include the top indexing bull from Sapp Valley View Farm in West Virginia. This yearling bull indexed 113.7 and had an average daily gain of 5.03. Next to sell will be a Gelbvieh bull followed by two Charolais and four Shorthorns. The sale will continue with the Red Angus, Salers, and Hereford bulls. New to the sale this year is the RX-3 breed which has four bulls to sell. The sale will conclude with the four Simmental bulls and 10 Angus bulls.

This year's sale offers a wide selection of some of the top yearling bulls in the Northeast. The bull test provides a program that allows beef producers to participate in a common test to evaluate the performance of bulls under similar, unbiased environmental conditions and an opportunity for purebred breeders and commercial producers to purchase these performance-tested bulls. The bull test is sponsored by the New York Beef Cattlemen's Association, Cornell Cooperative Extension, and the Cornell Department of Animal Science.

Those interested can preview the bulls at the Cornell Teaching and Research Center, Route 38, Harford, N.Y., (607) 844-8383. To receive a catalog, contact Jeanne White, sale chairperson, at (607) 838-3670.

Bulls may also be previewed at the Livestock Pavilion prior to the sale.

AJCC Provides Youth Awards

REYNOLDSBURG, Ohio — In conjunction with its ongoing youth programs, The American Jersey Cattle Club sponsors awards for junior shows as well as for state, regional, and national judging contests.

Ribbons for three places in each individual female class and a rosette for the grand champion female are available for county and district, state and regional junior Jersey shows. There is also an award presented in state and regional Jersey showmanship classes.

Awards available for the National Intercollegiate Dairy Cattle Judging Contest include a rotating trophy for the high team members and their coach. The high individual in Jersey judging is presented a model Jersey cow. Awards for the National 4-H Dairy Cattle Judging Contest are the same except there is no rotating trophy.

Awards for collegiate, 4-H and FFA regional contests at Eastern States, National Cattle Congress, Pennsylvania All American, North American, Pacific International, and Mid-South Fair include a laser-carved plaque for the coach of the high team in Jerseys and pen and pencil sets for team members. The high individual in Jerseys receives a model Jersey cow.

The coach of the high team in Jerseys at two-year and technical inter-collegiate contests receives a laser-carved plaque. Team members receive pen and pencil sets. The high individual in Jerseys is presented a color Ideal Jersey cow plaque.

At state judging contests, the high individual in Jerseys receives a color Ideal Jersey cow plaque.

AJCC awards are available only by annual request. Other awards for significant achievements are also available upon request. Contact Gayle Starkey at The American Jersey Cattle Club, 6486 East Main Street, Reynoldsburg, Ohio 43068-2362, 614/861-3636, at least four weeks prior to the event.

PFA Speaker Remembers Nazi Germany

LINDA WILLIAMS
Beford Co. Correspondent

LOYSBURG (Bedford Co.) — James Werner, eastern federal director for the Farm Bureau Federation, was the guest speaker at the spring banquet of the Bedford County Farmer's Association held recently at the Northern Bedford County School.

Werner recalled his first trip to America. He was an exchange student to Wisconsin.

Born in Bromberg, Germany in 1941, Werner's father had been a soldier on the Russian front. He recalled vivid memories of his mother taking him, as a small child, to Yugoslavia where they were taken in and protected by farmers while his father was a prisoner of war.

After a glimpse of America as an exchange student, Werner soon decided he wanted to become an American and received his citizenship in 1974.

Speaking of the recent breakdown of the Berlin wall, Werner says, "Opening the borders shows what people will choose when given a choice."

Werner followed a long line of speakers at the meeting which was chaired by Ken Mowry, president.

Jack McMullen, chairman of the Wildlife Damage Control Committee, said they were asking the Pennsylvania Game Commission four special permits which would allow hunters to shoot deer on specific farms in the summer. "We are asking for a pilot program for four counties," he said.

Robert Detwiler, representative on the Washington legislative tour, gave the audience something to write to their legislators about when he noted that Clinton's proposed energy tax would add 17 percent to the price of oil, 15 percent to the price of coal, and 11 percent to the price of gasoline.

He also mentioned the North American Free Trade Agreement and Minor Use Pesticides bill as two other issues of which farmers should be aware.

Harold Shaulis, state PFA director, stated that PFA is currently asking for an adjustable milk rate.

He noted that there are presently two dairy farmers serving on the milk marking board, which is a plus. "We hope we can continue this," Shaulis said.

Shaulis also supported the nutrient management bill which would allow 2,000 pounds of red meat per tillable acre.

"It is a good bill and for good farmers, certainly something they can live with," he said.

Rod McKenrick, region 3 organization director, reported on a trip he had recently taken to Holland. "There the government makes all of the decisions. Don't leave the government take over the food supply in this country," he said.

Officers of the Bedford County Farmers' Association include Kenneth Mowry, president; Fred Claycomb, vice president; Betty O'Neal, secretary; and Pauline Yoder, treasurer. Those on the board of directors are Dennis Perrin, Gerald Mowry, Carl Egolf, Jr., Dewey Zimmerman, Norman Sollenberger, Robert Stanton, Alan Frederick, and Julie Cornell.

A special part of the Bedford County banquet each year is the awarding of a new Chevrolet truck to be used for six weeks. It is provided by Thomas Chevrolet and awarded by drawing. Robert Detwiler was this year's winner.

James Werner, eastern federal director for the Farm Bureau Federation, was the guest speaker at the annual Bedford County Farmer's Association banquet.

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Schwartzbecks First To Take Both Maryland Premier Awards

(Continued from Page A1)

View CC Plum-Et was chosen reserve junior champion of the open show. Klassens Majesty Aggie shown by Charles Dean III took reserve junior champion honors of the junior show.

For the first time since the show's beginning, the same family received both the premier breeder and premier exhibitor award. The Joseph Schwartzbeck Family of Peace and Plenty Farm received this honor.

MARYLAND HOLSTEIN SHOW
Junior Show

Winter Heifer Calf 1, Justin Kyle Smith, 2, Kelli Savage, 3, Kristin Myers. Fall Heifer Calf 1, Kelly Myers; 2, David Miller, 3, Samuel Miller. Summer Yearling: 1, Christopher Savage, 2, Jason Watt, 3, Anthony B Crothers Spring Yearling. 1, Joshua Grossnickle, 2, Kristin Myers, 3, Jami Savage Winter Yearling. 1, Kelly Myers, 2, O Clay Smith, 3, Kelly Savage Fall Yearling 1, Charles Dean III; 2, Holly Burall, 3, Donovan Hollingsworth Junior Champion Joshua Grossnickle Reserve Junior Champion Charles Dean III Dry Cow 3 & 4 Year Old 1, Harold Smith II, 2, Kristin Myers, 3, Shannon Harrison Junior 2 Year Old 1, Christopher Savage, 2, O Clay Smith; 3, Amy E Savage Senior 2 Year Old 1, Crystal Smith, 2, Jenny Savage, 3, O Clay Smith Junior 3 Year Old 1, Mark lager, 2, Jami Savage, 3, Greg Winters Senior 3 Year Old 1, Gregg Knutsen, 2, Ryan Savage, 3, Mark lager 4-Year Old Cow 1, Donovan Hollingsworth, 2, Shannon Harrison, 3, O Clay Smith 5-Year Old Cow 1, Jeffrey Fritz, 2, Jami Savage, 3, Brian Ehrhardt Aged Cow 1, Crystal Smith, 2 Amy Savage, 3, Jenny Savage (100,000 lbs Cow 1, Jenny Savage, 2, Crystal Smith 100 000 lbs cow Open Show 1 My Ladys Manor Farm, 2, Jenny Savage, 3, Unicorn Associates) Grand Champion of Junior Show - Gregg Knutsen Reserve Grand of Open Show - Mark lager Best Bred & Owned - Junior Show - Jenny Savage

Open Show

Fall Heifer Calf 1, Wind Drift Holsteins, 2, Kelly Myers, 3, Gus Schwartzbeck Summer Yearling 1, Hill, Heffner & Heath, 2, Christopher Savage, 3, Joseph Schwartzbeck Family Spring Yearling 1, Chris & Budgee Hill, 2, Joshua Grossnickle, 3, Joseph Schwartzbeck Family Winter Yearling 1, Joseph Schwartzbeck Family, 2, Kelly Myers, 3, O Clay Smith Fall yearling 1, Marion Andrew & Ron Heffner, 2, Charles T Dean III, 3, Holly Burall Junior Champion Wind Drift Holsteins Reserve Junior Champion Chris & Budgee Hill Junior Best Three Females Maple-Lawn Farm, Joseph Schwartzbeck Family, Savage-Leigh Farm Dry Cow 3 & 4 Year Old. 1, Marlin & Matthew Hoff, 2, Joseph Schwartzbeck Family, 3, Harold Smith III Dry Aged Cow 1, Joseph Schwartzbeck Family; 2, Paul Harrison III Junior 2 Year Old 1, Christopher Savage, 2, Marlin & Matthew Hoff; 3, Knob-View Farm Senior 2 Year Old 1, Joseph Schwartzbeck Family, 2, Wayne & Cindee Savage, 3, My Ladys Manor Farm. Junior 3 Year Old 1, Mark lager; 2, DeBaugh Farms, 3, Jami Savage Senior 3 Year Old 1, Gay Ridge & Kingstead Farms, 3, Gregg Knutsen, 3, Joseph Schwartzbeck Family 4-Year Old Cow 1, Marion Andrew, 2, Donovan Hollingsworth, 3, Shannon Harrison 5-Year Old Cow 1, Joseph Schwartzbeck Family, 2 Joseph Schwartzbeck Family, 3, Jason & Donna Myers. Aged Cow 1, Marion Andrew & Ron Heffner, 2, Marlin & Matthew Hoff, 3 Maple Lawn Farms 100,000 lbs cow 1, My Ladys Manor Farm, 2, Jenny Savage, 3, Unicorn Associates Grand Champion of Open Show Gay Ridge & Kingstead Farms Reserve Grand of Open Show Marion Andrew Best Bred & Owned Marlin Hoff Show Production Award My Ladys Manor Farm Premier Breeder and Premier Exhibitor Joseph Schwartzbeck Family Best three females Joseph Schwartzbeck Family

Grand champion of the open show of the Maryland Holstein Spring Show: from the left, Laura Zimmerman, Wayne Stiles, with junior champion, Beverly Collier, Marion Andrew with reserve grand champion cow, Chris Hill, with grand champion cow, Pam Wilcom, judge Niles Wendorf, Marie Speak, Doug King, and Oren Bender, president of the Maryland Holstein Association.

The Junior champion of the open show of the Maryland Holstein Spring Show, from the left, Marlin Martin, donor of the award, judge Niles Wendorf, Laura Zimmerman, state dairy princess, reserve junior champion cow, Chris and Budgee Hill, Mike Stiles at the halter of the junior champion cow, Wes Keller owner of the cow, Marie Speak, dairy princess for Carroll County, and Cindy Warner.

Maryland Youth Vie For Team Slots

EVA MARTIN
Maryland Correspondent

TIMONIUM, Md. — Eighteen 4-H'ers competed for positions on the Maryland Dairy Bowl teams last week. Held in conjunction with the Maryland State Holstein Show at the state fairground, the youth were scored in three categories in the competition: written exams, and two phases of buzzer rounds — one with individual questions and the other with toss-up questions.

Chosen to represent Maryland as junior team members at the National Holstein convention in Rochester, N.Y., in June were Kristen Myers, from Carroll County; Jessica Fritz, Carroll County, Jeffrey Fritz, Carroll County; and Robert Sigler, Harford County.

Tom Muller, Carroll County; Sam Muller, Carroll County; Jacob Thomas, Carroll County; and Amy Savage, Montgomery County are to make up the senior team.

Anne Davis is coach of the teams and is to work with the teams during upcoming practices and then travel with the teams to the national competition. Davis was assisted with the scoring this week by Janet Hughes, extension assistant at the University of Maryland, and Mary King of Kingstead Farms.

The trip to the national dairy bowl contest is supported by the Maryland Holstein Association, Frederick County Association and Carroll County Association. Contributions are still being accepted.

The Maryland junior dairy bowl team is, from the left, coach Anne Davis, Jessica Fritz, Kristen Myers, Jeffrey Fritz, and Robert Sigler.

Maryland senior dairy bowl team members are, from the left, Tom Muller, Amy Savage, Jacob Thomas, Sam Muller, and Anne Davis, coach.

Grand champion of the junior show of the Maryland Holstein Spring Show: from the left, Beverly Collier, Upper Shore dairy princess, John Morris, Mark lager, the reserve grand champion cow, Greg Knutsen, the grand champion cow, Shannon Harrison, Martha Morris, Laura Zimmerman, and judge Niles Wendorf.

Junior champion of the junior show of the Maryland Holstein Spring Show, from the left, Shannon Harrison, donor of the award from Dunloafin Farm, Kenlin Martin, Laura Zimmerman, state dairy princess, the reserve junior champion cow, Chad Dean, the junior champion cow, Joshua Gossnickle, judge Niles Wendorf, and Beverly Collier, Upper Shore dairy princess.

Jersey Scholarships Available in 1993

REYNOLDSBURG, Ohio — There are 11 scholarships available to youth which are administered by The American Jersey Cattle Club.

Three V.L. Peterson Scholarships in the amount of $750 are available to Jersey youth who have completed at least one year of college. "Vic" Peterson has been called the "dean of dairy breed representatives" for his 25 years of service as an AJCC area representative.

One $750 Paul Jackson Memorial Scholarship is awarded annually to a youth who has completed at least one year of college. Mr. Jackson was a long-time Jersey breeder, showman, and herdsman who was devoted to encouraging junior interest in Jerseys.

Jersey juniors who are graduating from high school and have been accepted by a college or university are eligible to compete for two William A. Russel scholarships. The Russell Scholarship was established in 1977 to honor Bill Russell, a life-long Jersey enthusiast who was an area representative of The American Jersey Cattle Club and National All-Jersey Inc.

Three $750 Jack C. Nisbet Memorial Scholarships are awarded annually to participants in the National Jersey Youth Achievement Contest. Nisbet joined the AJCC staff in 1941 as an extension director. He served as executive secretary for the Club from 1943 to 1947.

There is a $1,000 Stanley K. Bansen scholarship to be awarded to students working on an advanced degree (masters or doctorate) in dairy or animal science, dairy manufacturing, or agricultural business. The Bansen scholarships, The American Jersey Cattle Club administers the ABS/Morris B. Ewing Essay Conteset sponsored by American Breeders Service.

The contest winner will be awarded a $500 scholarship. Contest entries should focus on the question, "What can the purebred Jersey breeder do to meet the needs of the dairy producer in the year 2000?"

In order to be eligible for the contest, applicants must be between 16 and 22 years of age on Jan. 1 of the contest year. Essays should not exceed 1,000 words and will be judged on accuracy of information, creativity, and grammatical correctness.

Jersey scholarships are available to youth who own at least one registered Jersey and who are accepted or enrolled in college. Selection is based on financial need and scholastic achievement, as well as Jersey and related activities.

The deadline for applying for a 1993 scholarship is July 1. Applications are available by calling the Information Department of The American Jersey Cattle Club (614/861-3636) or writing to: 6486 East Main Street, Reynoldsburg, OH 43068-2362.

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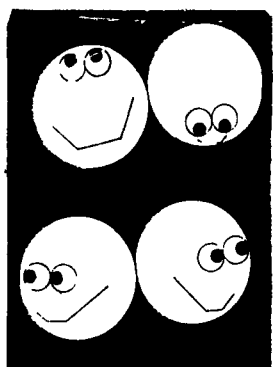

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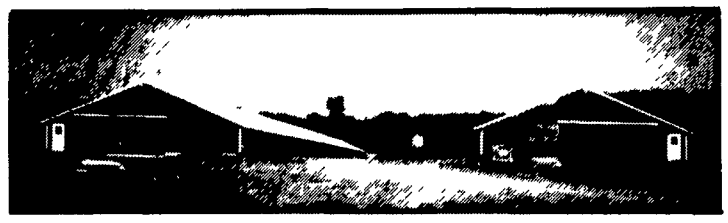

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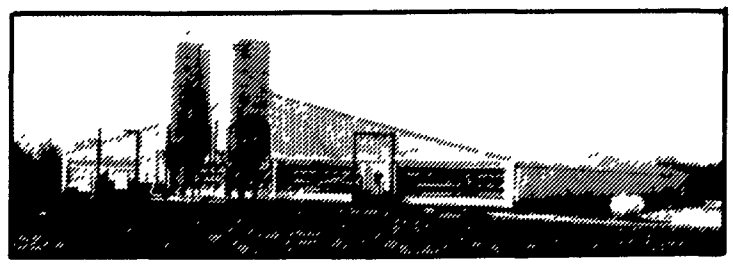

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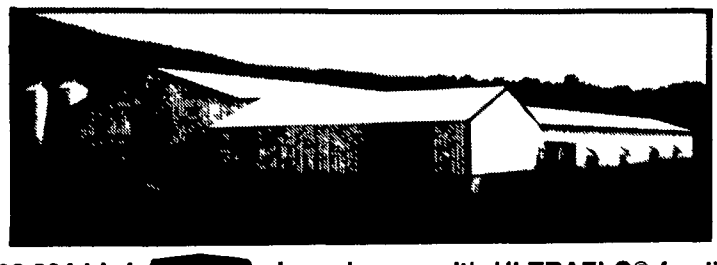

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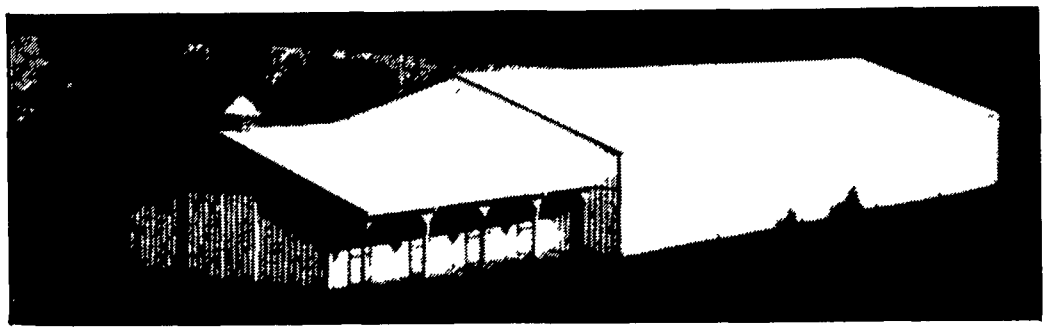

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UNIVERSITY PARK (Centre Co.) — Talking with those who fed and watered and otherwise cared for some 1,500 of Penn State's animals during the Blizzard of '93, you'd think it was just another day.

When asked about their experience, Department of Dairy and Animal Science employees said it was pretty much like any other day, except there was a lot of snow. Maybe it's just modesty, but more likely that attitude is a reflection of their day-in and day-out work ethic.

These workers simply give 100 percent every day. To them, the welfare of the University herds and flocks is always uppermost in their minds — weather or not. It took a little prodding, but stories of selflessness, adversity, and heroism began to surface.

In anticipation of the upcoming storm, staffers and student employees began to arrive at their work stations well-prepared with extra clothing and plenty of food. When clothes became too wet to wear, they were left to dry on radiators and heaters and replaced with second or third sets of dry ones. Saturday crews began stockpiling feed and preparing bedding for the animals while the ordeal was getting underway outside. Many of them came prepared to stay the duration, leaving families behind to carry on until the wind and snow subsided enough to return home.

Before the weekend was over, many were to log more than a week's worth of hours in a little more than two days of around-the-clock time. They slept only briefly on couches, cots, or wherever they could curl up. Dairy Center Manager Walker McNeill reported that six of his employees—from 5:30 a.m. on Saturday through 2:30 a.m. on Monday—did the work of 11, and did it under extreme conditions. They contended with drifts four to eight feet high just to move the cows between the milking parlor and the barns.

Beef and Forage Herd Manager Pete LeVan cleared chest-high snow from an outdoor pen at Haller Farm just in time for a heifer to calve. Swine Center student workers Tom Byer, Matt Fenton, and Gary Schick carried feed in plastic bags 1,000 feet through waist-high snow to animals housed in outdoor shelters, then cleared paths for their charges to get to water troughs, which are heated to prevent freezing.

Fellow student Greg Wacik was making similar efforts at the Deer Pens as he attempted to keep full feed bins 100 feet from the barn in nine different directions. He walked on top of the snow much of the time, often right over the top of fences. It took an hour-and-a-half to do what usually takes 20 minutes. Wacik, who walked in one-half mile from Fox Hollow Road, said the yearlings had the toughest time, but deer mostly bed down when bad weather threatens. Still, the animals came out to greet him every time he approached. "They always seem glad to see you," he said, "even if they already have feed. They seem to appreciate you just being there."

Dairy Center student employee Terry Martin, who said he came in because he knew others wouldn't be able to make it, trudged through the drifts from Beaver Hill Apartments to help. Martin spent 18 hours digging out feed. He was one of six people from the Dairy Center crew who expressed their thanks to McNeill's wife, Jean, for feeding them a hearty dinner on Sunday. They said eggs, sausage, grits, warm applesauce, and biscuits never tasted so good.

Beth Garver and Chris Polacek, also student employees at the Dairy Center, brought food from Hardy's when they reported Friday evening, prepared to stay. When that ran out, they raided the student apartment upstairs, confiscating canned goods and other foodstuffs they planned to replace after the storm, and then enjoyed Jean's Sunday meal. Workers at the Beef and Sheep Center had a two-day stack of pizzas delivered before the roads became impassable.

Meanwhile, down at the Horse Barn, Brian Egan and student Jay Brehm not only kept the horses fed and watered, but trudged through the snow and wind to bring in seven brood mares and seven yearlings which were out on pasture. They even managed to breed a mare and deliver a foal.

Brenda Hogan and Jackie Reed, both student workers at the Sheep Center, logged 30 hours keeping the flock fed during the blizzard. Even Rock, the resident Border Collie, who usually beds down in an outdoor kennel, spent the weekend warm and safe inside.

Beef Center employee George McQuiston said the weekend was quite an experience, one that is "nice to be done with." He spent much of Saturday morning trying to dig out the road at Beef Center before helping deliver several calves. McQuiston said he believed the experience helped everyone get to know one another better.

Blizzard, a Holstein calf, and Snowflake, an Angus calf, joined the Penn State herds at the height of the Blizzard of '93. Shown here with four of the 22 employees with the Department of Dairy and Animal Science, who worked around the clock to keep more than 1,500 animals fed and cared for during the severe weather, are, left to right, Don Nichols, Myron Rudy, Pete LeVan, and Dick Todd.

Night shift dairy worker Boyd Homan, who used a skid loader to clear his home lane because it was too deep to plow, said he enjoyed working with the morning shift.

When all roads from Bellefonte were closed on Saturday and Dave Hosterman was stranded at home, he kept in touch with the three young men at the Swine Center via telephone.

Dairy Supervisor Myron Rudy, who called the student employees "lifesavers," said, "We really would have been stuck without them."

Haller Farm's Pete Levan said everyone gave service above and beyond the call of duty.

Other employees who worked during the blizzard include Craig Fleck, Scott Marstellar, Don Nichols, Tim Smeltzer, Dick Todd, and Dan Walters.

Agriculture Top Industry In Tioga County

C.J. HOUGHTALING
Tioga Co. Correspondent

WHITNEYVILLE (Tioga Co.) — Agriculture is number one in Tioga County. That was the message delivered to those attending the Potter-Tioga Chapter of the Pennsylvania Farmers Association annual banquet April 1. Among those in the audience were members of the Tioga County Development Corporation (TCDC), a volunteer group of county residents whose goals are to create employment opportunities, raise wage scales, and provide adequate housing, health care, transportation and communication systems within the county. Many of TCDC's members include business owners or department figureheads of prominent institutions within the county. As part of their plan to achieve their goals, they hired consultant Wade VanLandingham with Richard C. Sutter and Associates, a comprehensive planning and economic development firm out of Holidaysburg. It was VanLandingham who spoke of agriculture's importance as an industry in Tioga County at the banquet.

"Agriculture is important to Tioga County," said VanLandingham; "much more so than I was at first led to believe, and much more so than what I was expected to find as I was driving around the county." For generating income within the county, the consultant was brought in under the assumption that travel and tourism was the leading industry. "Most other people within the county don't know how important agriculture here is, either." Directing his comments to the farmers present, he said, "You need to blow your own horn."

Citing 1989 figures from the most recent Pennsylvania statistical abstract, VanLandingham said, "Agriculture employs twice as many people as travel and tourism, and it generates twice as much in total gross sales as travel and tourism; twelve hundred people verses six hundred; generates about 55 million dollars in gross revenue verses 25 million in gross revenue"

Karl Kroeck, president of the Potter-Tioga Chapter of PFA, welcomes those attending the annual banquet.

"Agriculture employs four times as many people in Tioga County as in the Commonwealth, as a whole. Tioga County ranks 14th in the State in value of agricultural production, and it ranked 11th in value of dairy production. It ranked 5th in value of production per cow per person person residence of the county."

But, as the consultant pointed out, because agriculture has such tremendous impact on the local economy, there are potential problems. Comparing wage growth and income growth in the Commonwealth overall, farm family incomes did not rise as quickly as incomes elsewhere, therefore, Tioga County incomes did not rise as quickly. Seventy percent of agricultural production in Tioga County is dairy, which is not currently a growth industry.

With this in mind, TCDC is looking to bring dairy-valued industry into the area to provide another avenue of marketing the milk produced within the county. As a joint effort, TCDC invited farmers to express their ideas on how to strengthen the link between agriculture and other county industries.

State Representative Matt Baker was on hand to congratulate the farm industry, as well as TCDC, for putting the program together. In reference to agriculture throughout the state, Baker said, "The State budget is $15 billion dollars, and agriculture should reflect that. Unfortunately, the budget in promotion of dairy products and research will be taking some cuts as proposed by the Governor. We will try to change that if we can and refocus where the focus should be in this state and that's our number 1 industry, agriculture."

Other guest speakers at the banquet were Ed Lazowski, Pioneer Hi-Bred Field Sales Manager; Bob Weller, Agway Regional Manager; Bob Reich, Northeastern Farm Credit CEO; Richard Denison, PFA Associate Administrator; Gene Field, PFA ROD; Beth Ask, Soldiers and Sailors Memorial Hospital Dietitian; Ann Krohn, Project Concern coordinator; and Bob Blair, TCDC Secretary.

Lazowski, who spoke on the future of farming, said we will continue to see a sharp increase in productivity. "To be a low cost producer has been the way to be profitable, and that, too, is going to continue. It is necessary to improve demand to where it will absorb normal production at prices that will return a reasonable profit to the average producer." According to Lazowski, that is the challenge and farmers need to adjust to that challenge to make their farms profitable.

Nutrition, diet, and health will also continue to be major concerns in the future, Lazowski stated. "While the same foods and fiber will be utilized, the trend will be away from animal meat and fat, towards more fruits, vegetables, and complex carbohydrates.

This message was reinforced by Ask who gave the food pyramid as an example of how Americans should eat on a daily basis. The majority of our food consumption, according to the pyramid, should range between 6 and 11 servings in the bread, cereal, rice, and pasta group, followed by 3 to 5 servings from the vegetable group and 2 to 4 servings from the fruit group. Dairy products as a group and the group comprised of meat, poultry, fish, dry beans, eggs and nuts should consist of 2 to 3 servings per day. The least desired group is the fats, oils and sweets, which should be used sparingly.

To stress her point, Ask planned a nutritious luncheon based on the food pyramid to give those attending the meeting an idea of how the food groups can be used accordingly on a day-to-day basis.

Adding to the overview of the farming industry, Krohn gave a presentation on major health concerns for farmers ranging from machinery accidents, to injuries from animals or chemicals and cleaning solutions, to respiratory problems in breathing such toxins as silo gas, hay dust, molds, and spores. Tips on how to handle or possibly avoid dangerous situations were discussed, as well as what to do if the problems occur.

Contract Heifer Raising In Demand

A.J. "JUD" HEINRICHS
PSU Dairy Extension

UNIVERSITY PARK (Centre Col.) — There is a growing demand and market for contract heifer-raising in the United State with recent estimates that demand is growing in the Northeast.

The U.S. Department of Agriculture's (USDA) Dairy Heifer Evaluation Project performed recently showed that on a national basis, 1.7 percent of the dairy farmers have someone else raise their heifers.

In the Northeast the average is higher, at 2.4 percent.

Many situations make contracting attractive, such as when facilities, labor, or capital become limited. Or when it is feasible to use to free up time for other endeavors.

Contract-raising of replacement heifers has a number of advantages and disadvantages for the both parties — the person needing replacements, and the person willing to raise them.

Advantages for the dairy farmer include possibly allowing a milking herd expansion by up to 25 percent or more by freeing space in existing facilities; more time to spend working with milking cows; more time working with cropping or raising a specialty crop; fewer ration calculations; and fewer animals to check for heats.

The advantages to a grower include specializing — even to a degree such as focusing on baby calves, older heifers, etc. — without having to milk cows.

Also a farmer without good facilities for Grade A milk production may find the facilities suitable for raising heifers, and thus make some use out of them. This farmer should be sure to check buildings for ventilation, water supply and holding facilities.

It also provides an opportuity for part-time employment, which may be attractive to someone semi-retired, working off of the farm, and for those who enjoy raising cattle, but not milking.

Raising contract heifers also carries the benefit of allowing the use of home-grown grain and forages.

The disadvantages to the dairy farmer is the increased risk of introducing a disease into his milking herd; the possibility of a shortage of replacement heifers if the contract-raiser does a poor job; and the replacements could end up costing more if the time, labor, feed and facilities freed by going with contract-raising is not utilized for increased profit to the dairy operation.

Contracts must be fair to both parties, and there are many possibilities.

One contract may contain an option-to-purchase, in which the owner sells the calf, but reserves the right to purchase it back as a spring heifer at market price.

Furthermore, contracts could be limited to a year-to-year basis to provide flexibility in establishing fees and costs that parallel the general farm economy, and to permit for the deletion of animals as conditions dictate.

The contract should also include an option for second and third years; provide provisions for terminating the contract, and a method of arbitration to settle disputes.

Farm Forum

(Continued from Page A10)

Supply and Demand does call the market price.

If we get into Supply management it can become a nasty thing. If we push it to the extent that the Southern States have pushed the supply management of tobacco (130% of one years total selling price) it will cost in excess of $3,000.00 per 20,000 lb. cow for a young man to get into the dairy business. The Canadian price is up to Double and triple that price.

Of course the person who does the getting, gets quite a windfall. $600,000.00 or in the Canadian case close to $2,000,000.00 for a 200 cow herd.

I have not yet seen any two-tier program that is any better. For as much as it promotes the price that the incumbent farmer receives, so much it promotes the penalties a new-comer has to pay. Plus, you get the added expense of more government and more red tape. I lately saw a bumper sticker on a luxury camper. We are spending our childrens inheritance. Will we sell their freedom too.

Henry Leid
East Earl

Farm Calendar

(Continued from Page A10)

45th annual A-Day, Delaware Valley College, Doylestown, 9 a.m.-5 p.m., thru April 25.

Sunday, April 25

Wissahickon Day Parade, Fairmount Park, Phila.

Monday, April 26

Tuesday, April 27

Delmarva Poultry Booster banquet, Wicomico Youth and Civic Center, Salisbury, Md.

Ephrata Area Young Farmers Ladies Night Program, Cloister Restaurant, 6:30 p.m.

York Co. Beekeepers meeting, extension office, 7 p.m.

Wednesday, April 28

Thursday, April 29

Berks Co. 4-H Supper Series, 6 p.m.-8:30 p.m.

Home Horticultural Seminar: Perennials, The Gardening Solution, Lancaster Farm and Home Center, 7 p.m.-9:30 p.m.

Friday, April 30

Saturday, May 1

State College Lion Country Pony Club Ride-A-Thon, Grange Fairgrounds.

Sunday, May 2

Monday, May 3

Home Horticulture Seminar, Espaliers: The Mystery Explained, Farm and Home Center, Lancaster, 7 p.m.-9:30 p.m.

Tuesday, May 4

Wednesday, May 5

Thursday, May 6

Friday, May 7

Saturday, May 8

Hereford Breed Sale, Dairy Pavilion, New York State Fairgrounds.

Western Pa. Sheep and Club Lamb Sale, Mercer Co. 4-H Park, Mercer, 6 p.m.

Sunday, May 9
Happy Mother's Day!

Monday, May 10

Tuesday, May 11

Wednesday, May 12

Atlantic Dairy Co-op 36th Eastern Member Relations Conference, Hershey Lodge and Convention Center, thru May 14.

Thursday, May 13

Home Horticulture Seminar, Figs, Asian Persimmons, Dwarf Citrus, Kiwi and Other Unusual Edibles, Farm and Home Center, Lancaster, 7 p.m.-9:30 p.m.

Ag Issues Forum, Kreider's Restaurant, Manheim, 7:30 a.m.-9 a.m.

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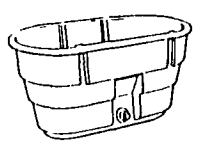

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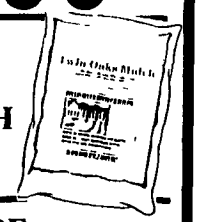

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MARYLAND DHIA

March 1993

The March 1993 DHI information for Maryland dairy herds is listed by herd name, county association, total number of cows in the herd, and the average production per cow on a 3.5% Fat Corrected Milk (FCM) basis for all milking cows in the herd. The herd must consist of at least 10 cows averaging 65 lbs. or more of 3.5% FCM per cow per day. All of the herds are on official DHI or DHIR test. Also listed are the top 10 herds in Maryland for the Brown Swiss, Guernseys and Jerseys, and the top eight herds for Ayrshires.

ANNE ARUNDEL COUNTY

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
US Naval Academy Dairy	H	169	69.6
Dairy Cattle Research	H	155	66.1

BALTIMORE COUNTY

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
Armacost Farms Inc.	H	107	70.1
Nash Farms	H	130	66.5
Robert E. Prigel	H	78	66.1
Lindsay & Steve Wilson	H	148	65.2

CAROLINE COUNTY

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
Harmony Farm	H	150	77.6
Hollingsworth Daniel 3	H	54	71.4
Grubby Neck Farm	H	70	70.3
Paul Satterfield, Jr.	H	153	69.6
Richard Edwards	H	165	68.5

CARROLL COUNTY

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
James & John Myers	H	61	76.7
Garstlyn Holsteins	H	61	75.2
Marlin Hoff	H	345	74.2
Mike & Anita Haines	H	60	73.4
Md.-Carrollton	H	53	73.1
Derrwyn Holsteins	H	67	72.5
Windsor Manor	H	70	70.8
Unicorn Associates Inc	H	141	70.6
Ash & Bear	H	73	68.1
Carl & Todd Weant	H	86	67.8
Steven R. Ruby	H	90	67 6
D. Richard Flickinger	H	85	67 4
Thomas H. Muller	H	70	67.3
Rinehart, John W.	H	55	67.1
Panora Acres Inc.	H	138	66.9
Jr. - Lees Farm	H	101	66.1
Dale M & Susan Smith	H	96	66.0
James A. Carmack	H	171	65.4
David M Reifsnider	H	27	65.4
Jerry & Rick Lease	H	93	65.1
Maple Lawn Farm Inc	H	175	65.1
Cedar Knoll Farms	H	67	65.1

CECIL COUNTY

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
Tom And Joy Crothers	H	54	85.2
Tom And Joy Crothers	BrS	13	82.5
Long Green Farms Inc.	H	117	72.4
Albeck Farms Inc.	H	156	71.3
Goods Dairy Farm	H	64	71.2
Zion Meadows	H	103	70.4
Kilby Inc.	H	251	67.1
England Farm Inc.	H	43	66.8
Staff-Herd Farm	H	83	66.7
Chara Farm	H	74	65.4

FREDERICK COUNTY

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
Savage-Leigh Farm	H	151	79.6
Hottels Dist Springs Farm	H	113	79.3
Dave & Carole Doody	H	118	78.7
Da-Bren Farm	H	138	76.7
Taylor Made Farm	H	33	75.5
Dublin Hills Swiss	BrS	21	74.9
Fir - Thorne - B	BrS	14	74.8
Zimmandale Farm	H	57	74.8
K Scott Hood	H	52	74.7
Holterholm Farms	H	95	74.5
Wilcom, Donald L.	H	150	73.2
Paul & Karen Dotterer	H	83	72.2
Wayne Z Tucker	H	128	71.9
Smith-Mead Farm	H	177	71.7
Fir-Thorne	H	21	70.9
David Toms	H	189	70.6
Thomas D. Remsberg	H	83	70.5
Harold Long	H	106	70.2
Gary & Judith Remsberg	H	83	69.1
Enfield Farm	H	107	69.0
Paul M Inskeep	H	54	68.7
Spring-Vale Holsteins	H	58	68.5
Donald L. Wachter	H	70	68.3
Eric F-Faith M Burall	H	96	68.1
Dublin Hills Farm	H	41	68.1
Warner Bros Inc	H	146	68.0
Jerry Murphy	H	64	68.0
Clovertop Farm, Inc.	H	90	67.5
Leigh Castle Holsteins	H	127	67.3
Len-Land Acres	H	242	67.2
Gary L & Mary C Snyder	H	49	67.1
Howard A & Ruth Pearl	H	31	66.7
Jeff And Judy England	H	149	66.7
Md-Garden Spot Farm	H	89	66.4
Allen Brothers	H	107	66.0
Plain Four Farms	H	115	65.7
Paul K. Coblentz & Sons	H	172	65 6
John C. Trout	H	77	65 2
Hobble-Hill Holsteins	H	83	65.2

GARRETT COUNTY

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
Philip Beachy	H	50	86.0
Paul & Henry Kinsinger	H	73	74.1
Wayne E. Schrock	H	45	73.1
Ernest & Dan Ganoe	H	123	71.8
Fred Petersheim	H	45	71.6
Covewind-Hill Holstein	H	29	71.0
Maple Valley Farms	H	30	69.6
Bender, Carl	H	74	69.4
Jerry L. Yoder	H	64	69.4
Oakview Ridge No. 2	H	46	68.0
Jonas D. Kinsinger	H	23	67.6
Cleland Beitzel	H	56	66.3
Mar-K Farms	H	51	65.9
Andrew W. Schrock	H	51	65.8
Paul & Naomi Petersheim	J	38	65.4
Paul Yoder	H	50	65.0

HARFORD COUNTY

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
Highland Heights Farm Inc	H	132	81.5
Strawberry Hill Farm	H	122	75.2
Maroamo Farm	H	105	72.5
Homelands Farm	H	47	72.3
My-Ladys-Manor Farm	H	231	70.4
David M. Keyes	H	87	67.4
Harkins Hill Farm	H	137	67.3
JD & GE Miller	H	58	67.0
Hawks Hill Farm	H	84	65.9
Charles T. Edwards	H	88	65.6
Franklin Harkins	H	81	65.5
A G Hopkins	H	73	65.3

HOWARD COUNTY

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
David & James Patrick	H	137	74.5
L-Meadow Farm	H	61	66.2
Merry Acres Farm	H	38	65.6

KENT COUNTY

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
Roy W Crow	H	49	83.4
Gen Farm I	H	742	76.2
P. Thomas Mason	H	38	74.6
Fair Hill Farm Inc.	H	238	73.6
R & E Brink	H	69	73.4
John & Kellie Cahall	H	46	71.2
Jonas & Ruth Stoltzfus	H	66	70.4
Brick House Fm Inc	H	90	70.3
Wintacres	H	56	68.3
Michael H Philipp	H	70	68.3
Howard McHenry	H	202	67.1
Greenwood Acres	H	75	66.7
Wm & Kathleen Schrodel#2	H	118	66.0
John Z. Stoltzfus	H	74	65.7
Friendship Farms, Inc.	H	100	65.7

MARVA ASSOCIATION

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
Glad-Mar Farm Inc	H	181	69.2

(Turn to Page A37)

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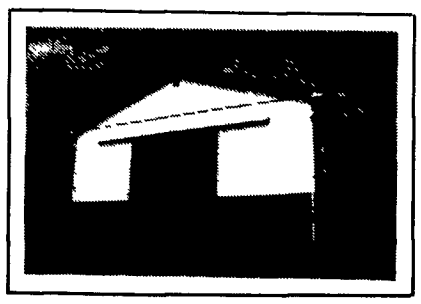

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AJCC Supports Jersey Research

REYNOLDSBURG, Ohio — Seven research projects have received funding totaling $35,000 from The American Jersey Cattle Club Research Foundation.

Each year the AJCC Research Foundation sponsors competitive research grants to fund projects addressing significant issues for the Jersey breed and Jersey milk producers. Since the beginning, the Foundation has provided partial or full funding to approximately 10 worthy projects every year.

The AJCC Research Foundation sends out a Call For Proposals each September for research projects to be funded the following year. The Foundation is a permanent trust operated to promote and sponsor scientific research in the dairy industry.

Six research priorities have been established by the AJCC Research Advisory Committee, including: Nutrition of high-producing Jerseys; Factors affecting yield of products manufactured from Jersey milk; Factors affecting net income, longevity, and lifetime profit; Optimal young sire usage; Biological and economics efficiencies of Jerseys; and Factors affecting management of Jersey calves.

The projects receiving funding this year fall into four of these six categories.

Factors affecting management of Jersey Calves:

1. Epidemiology and economics of dairy heifer management practices on Jersey farms in Pennsylvania, A. J. Heinrichs, Pennsylvania State University; Prevalence of Escherichia Coli, rotavirus, and coronavirus and incidence of disease in Jersey calves, James D. Quigley III, D. A. Bemis, L. N. Potgeiter, C. R. Reinemyer and B. W. Rohrbach, University of Tennessee; and The effect of plasma calcium concentration on neutrophil adherence and migration in Jersey cows and calves, Howard D. Tyler and Sushila J. Kapil, Iowa State University.

Factors affecting yield of products manufactured from Jersey milk:

Determination of Jersey skim milk membrane quality for prevention of culture agglutination during the manufacture of cottage cheese curd, C. L. Hicks, University of Kentucky; and Comparison of cheese manufacturing properties and cheese yield from Jersey and Holstein milk of similar protein genetic variants, Phillip S. Tong, California Polytechnic State University.

Nutrition of high-producing Jerseys:

Effect of protected amino acids on milk production and composition of Jersey cows fed whole cottonseed, Fred E. Pardue, Jean Bertrand and Thomas Jenkins, Clemson University, S.C.

Factors affecting net income, longevity, and lifetime profit:

Use of genetic markers as indicators of mastitis resistance and milk production in Jersey cattle, Stephen P. Oliver, Bhushan M. Jayarao and Arnold M. Saxton, The University of Tennessee.

The AJCC Research Foundation has made research on issues affecting Jerseys a reality. Early projects funded by the Foundation include identifying Limber Legs and Rectovaginal Constriction as genetic abnormalities inherited as autosomal recessives. Research helped develop practical ways to begin eliminating the abnormality from the population.

More recent research with long-reaching effects includes a project identifying a relationship between type traits and culling in Jersey cows.

The conclusion of the project "selection for higher production, higher udders, and closer teat placement will improve the economic efficiency of Jersey cattle more than selection on production traits alone" helped The American Jersey Cattle Club introduce a new Production-Type Index (PTI) formula in 1991.

The PTI includes a Functional Trait Index (FTI) which combines PTAs for linear traits and weighs them according to their contributions to net income, placing more emphasis on traits such as udder depth, teat placement, and rear udder height than stature and strength

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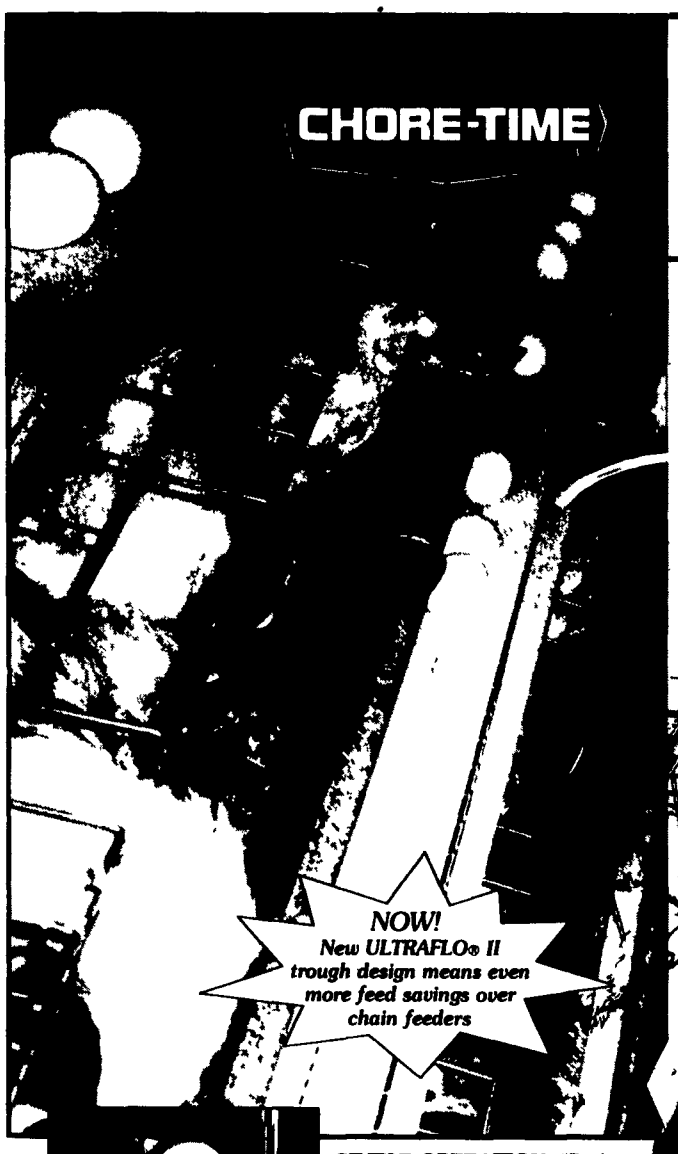

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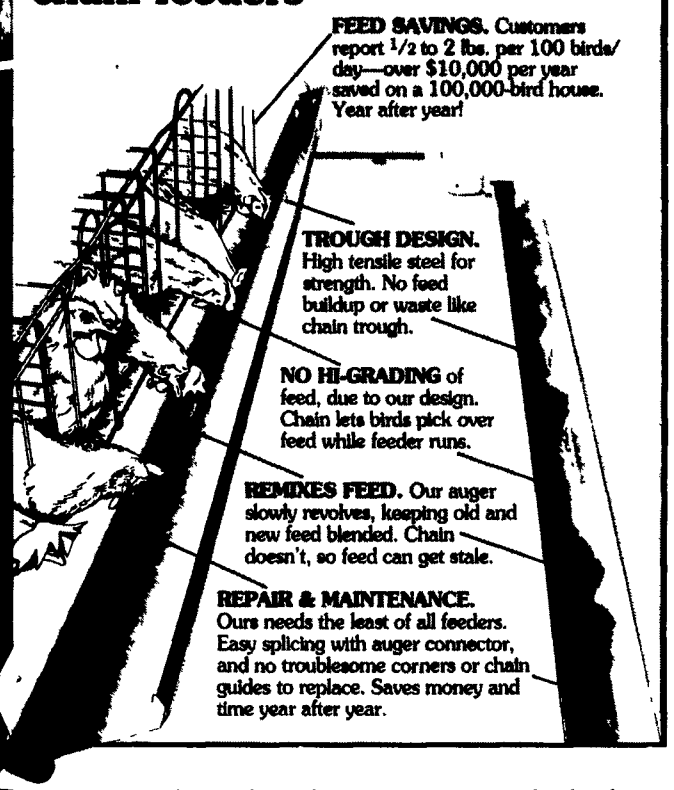
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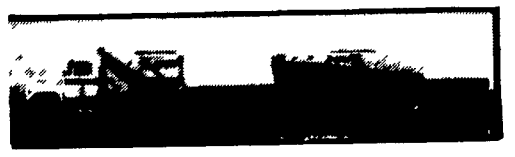

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Santa Gertrudis Cattle Have The Hardiness, Flavor, Leanness

(Continued from Page A1)

bucks," said Gene.

For years the Mooses have been trying to convince beef producers and retailers otherwise. They've been trying to help educate the producer, retailer, and consumer about the advantages other types of beef have, particularly the Santa Gertrudis cattle.

Gene, with wife Linda, daughter Sue and her husband Doug White operate a 90-brood cow purebred and commercial beef farm a few miles south of Gettysburg. Their 400-acre Chapel-Ridge Farm also finishes and prepares about 20 head of freezer beef per year using specially fed Santa Gertrudis crossbreds.

A purebred Santa Gertrudis is premium for their freezer beef operation, according to Gene, because it tastes better, with improved marbeling, better leanness, and better palatability.

However, the diverse Chapel-Ridge Farm (in the Santa Gertrudis business since 1981) knows the importance, in these tough economic times, of diversity. In addition to their purebred and finishing cattle farm, Chapel-Ridge also sells special round bale carrier/stacker equipment.

Overall, what's most important to the Mooses is helping to educate the buyer and the public about the greatness of the Santa Gertrudis cattle.

Develop breed

Santa Gertrudis are made up of ⅝ Milking Shorthorn and ⅜ Brahman. At the turn of the century, the King Ranch, near Kingsville in southwest Texas, was trying to develop a breed that was hardy and could withstand the severe weather patterns (from severe cold, to drought, to flooding rains) which hampered the survivability of the known breeds of cattle. After they crossed the Shorthorns with the Brahman cattle, they let them loose for an entire year — and to their surprise, not only did the cattle survive, but they thrived and reproduced.

According to Linda Moose, the ranchers, who wanted to keep the breed closed and market them on their own, found out that not only were the cattle alive, but they had calves that were weaning off at half their mother's weight. The mothers "were as mean as a snake," said Linda, "but they had protected their babies, gotten themselves bred, had a calf unassisted, protected the calves from preditors. . . and had enough milk to wean the baby off at half the mother's weight.

"And that's what any of us are looking for in a cow," she said.

Looked down

For years, beef buyers have looked down upon the Santa Gertrudis because of the navel flap, which tends to hang low, and the characteristic horns. Today's Santa Gertrudis cattle come polled and horned, according to Linda.

"In the Santa Gertrudis breed, the one thing that the commercial cattleman has been afraid of was horns," said Gene. "Another thing was the large navel flaps (a Brahman influence)." Breeders of the cattle are making great strides in cleaning up the underline.

The marketing of Santa Gertrudis in this country was dealt a bit of a setback years ago, after about 1910, when the breed was developed. Sometime between 1910 and 1940, several bulls "got out" of the King Ranch, according to Linda. Before that time, the cattle were known as "the rich man's cow," said Linda, "because only rich people could afford them." But now, the cattle are priced nearly equal to other beef.

Far too many considered the Santa Gertrudis a southern cow that would not be able to withstand the cruel northern temperature extremes, mostly because few had experience with them, according to Linda. Also, the northern farmers didn't have the thousands of acres to allow free-roaming cattle as they did in the Midwest and Southwest. But the cattle are viable for the breeders because they will do well in northern climates.

For years, beef buyers have looked down upon the Santa Gertrudis because of the large navel flaps, which tend to hang low, and the characteristic horns. Today's Santa Gertrudis come both polled and horned, and the breeders are making great strides in cleaning up the underline. Here, Doug White poses with the Hunner bull.

Santa Gertrudis are made up of ⅝ Milking Shorthorn and ⅜ Brahman. At the turn of the century, the King Ranch, near Kingsville in southwest Texas, was trying to develop a hardy breed that could withstand the severe weather patterns (from severe cold, to drought, to flooding rains) which hampered the survivability of the known breeds of cattle. After they crossed the Shorthorns with the Brahman cattle, they let them loose for an entire year — and to their surprise, not only did the cattle survive, but they thrived and reproduced. Here is a heifer calf from the herd.

A comparison of conventional fatty crossbred beef, bottom photo, and Santa Gertrudis purebred beef, top photo. The Santa Gertrudis beef tastes better, with improved marbeling, better leanness, and better palatability.

Loaded up

A woman by the name of Helen Groves, a lady whose families had ties to the King ranch, purchased Buck Doe Run Ranch in Coatesville to house Santa Gertrudis cattle. Santa Gertrudis were loaded up using helicopters and cattle cars, prodded with electric sticks, and set loose.

All trouble broke loose when these free-roaming range cattle, who had never known a fence or any kind of confinement, nor had they dealt with human beings on foot, were allowed in the fields.

"They went straight through fences, and they went straight over people, they went through barns, and they got a reputation of being wild, mean animals," said Linda.

But because beef producers know how important it is to treat an animal right, feed it, and acclimate it to the conditions of the farm, the Santa Gertrudis (which became an official breed in 1940) thrived.

Treat them right

Linda said Chapel-Ridge Farm's cattle "are better than a lot of the European breeds," she said. "Because if you treat them right, they become pets. They're the gentlest creatures you'll ever find. But if you hurt them, they will remember it and they will get you."

Gene said, "They'll eat out of your pocket. But if you get to hootin' and hollerin' at them, and start clubbing 'em, I'll guarantee they'll hurt you. They will get you. They'll *gang up* and get you."

Linda said the cattle's gentleness and their calving ease, together with their rate of gain and feed-to-meat conversion, make them highly marketable. The calf "is built right and the cow is built right to have an easy calving," said Linda.

Some characteristics of the breed are the narrow shoulders and head of the calves, in addition to the wide pelvic area to the cows. Linda also said, "when that calf hits the ground, it's small." The calf is weaned off, by their projections, at half the mother's weight — if not, the cow is culled to make way for better stock.

Raised naturally

She said the cattle they process for freezer beef are raised naturally. "We do not feed them any antibiotics — none of our animals get any steroids or growth stimulants. We feel we have the natural growth stimulants that we need within our breed, that we don't need to use any implants of any kind."

Also, Chapel-Ridge doesn't castrate the bulls. They believe when bulls are castrated, it takes away their natural growth hormones, and the trauma will keep them from finishing as quickly and as well as they are capable of, according to Linda.

"We're continuously bringing in new bulls and new bloodlines to maintain our purebred sales," said Gene.

The finishing cattle are fed a special total mixed rations comprised of hay, speltz (a Russian form of wheat), oats, soybean meal, minerals, and molasses. The grain feed is used instead of grazing to keep out the garlic-like, grassy taste common to feeder animals put on pasture.

(Turn to Page A35)

Santa Gertrudis Cattle

(Continued from Page A34)

Outgain any calf

One of the big characteristics of the cattle is, when they are calves, they put dollars and ribbons in the back of 4-H'ers or FFA'ers pockets who want to show them. They will outgain nearly any other calf. When the calf is shown, they may get top dollar for it, but when it comes to placing it, the judge will put it at the end of the class, according to Linda.

"The judge will look at that calf and say it's got excess leather. And they will get knocked down in the show ring for that reason," said Linda.

Linda said the judge does not take into consideration that the looks are not what makes a good carcass.

"What they forget to take into account is that calf is still going to outgain and they're going to make more money on that calf and buyers are going to get more meat after they take that leather off."

And the color of the hair seems to sway many judges.

"Black has always been beautiful in any part of the country," said Gene. "Then a lot of it is because the Angus Association has spent thousands in advertising—"

"—Hundreds of thousands," said Linda.

She said, "It's awfully hard to get (buyers) to change their mind. I think they're almost programmed to buy a certain type of animal. When they see that fat animal coming through, something triggers in their brain and they say, ah, yeah!"

The Santa Gertrudis Breeders International Association, based in Kingsville, Texas, helps producers to advertise and promote the breed.

Once Northeast producers try them once, according to Linda, "they're sold on them."

Learned to promote

Chapel-Ridge has learned to promote what they do — it's all part of farming in the economically cruel 1990s. The Mooses refuse to take farmer subsidies, according to Gene, "what we call 'farmer welfare.'

"You can no longer farm by tradition if you got a big mortgage," said Gene. "It used to be you planted corn, you took the corn off, you put it in wheat, you set it in grass, you made hay, you plowed it down, you put it in corn, and you got in that rotation and you stayed in it. But that was before corn cost you $2.50 a bushel to grow it.

"It's still not profitable for us, because we don't have 150-200 bushel-acres of corn. We're lucky if we get 80 — and this is a big crop for us.

"So you have to diversify — any direction that you can possibly go in order to hustle a dollar. It's just that simple. The guy that's got the big mortgage has got to raise what's going to make some money.

"You have to get out there and hustle and sell your product like you do any business. You have to try to treat farming as a business."

However, the diverse Chapel-Ridge Farm (in the Santa Gertrudis business since 1981) knows the importance, in these tough economic times, of diversity. In addition to their purebred and finishing cattle farm, Gene Moose of Chapel-Ridge also sells round bale carriers/stackers.

Financial Analysis From A Lender's Perspective

Editor's Note: This is the first of a seven part series to explain how Farm Credit Services analyses farm and ranch businesses. A different aspect of financial analysis is addressed in each issue.

Communication — The foundation for a sound business relationship

At first glance, "communication" may not seem like a financial tool. Yet good communication between a producer and a lender is vital for lenders to accurately understand a customer's operating plan or budget. Not only is effective communication important at the onset of a relationship, it's equally necessary whenever any operational changes are anticipated or encountered.

Communicate prior to making changes

Throughout a crop season, situations may occur that were not projected at the time of loan approval. Examples are expansion opportunities, unbudgeted sales or purchases of major items, variations in marketing plans, or other changes in farm or family needs.

Let's say you have the chance to rent additional land Before committing to such an acquisition, it's a good idea to visit with your credit officer He or she will be able to point out factors — such as the need for additional equipment — that might affect your loan. Your credit officer can suggest financing options or propose other alternatives.

Including your credit officer in your decision-making process allows you to analyze proposed changes together, in light of your financial position

Communicate after experiencing changes

At any time, you are subject to external circumstances beyond your control. Examples include unfavorable weather conditions, disease outbreaks, insect infestations or family tragedy. For instance, if a disease outbreak in your herd will raise expenses and lower production, you should promptly contact your credit officer to adjust your financial plans.

Or, if your winter wheat crop were to freeze, your credit officer could help you determine viable financial options. Informing your lender of any unexpected events lets him help you reorganize for the most positive financial outlook.

Good communication = good service

A lender who has been kept informed of changes to your operation will be able to respond more quickly when budget adjustments are necessary. In addition, your credit officer will be better equipped to listen to your ideas and offer alternative solutions.

Although a lender makes every effort to keep in regular contact with customers, it's not possible to anticipate changes in individual operations. Customers who take the initiative to communicate will find their lending staff eager to help. A business relationship is not over once the loan is closed — it's just beginning. Your lender should be a resource throughout the life of your operation. ❖

Next week we look an the importance of on-farm visits.

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4-17

McDonald's

(Continued from Page A1)

Washington, D.C. telephone of Pure Food Campaign Director Ted Howard. Howard, a long-time Rifkin associate and professional fund-raiser for different causes, was in New Orleans Thursday.

Cummings said Beyond Beef Campaign people and others were joining the Pure Food Campaign and he was using Howard's telephone.

The announcement of the protest initially was made March 31 in statements distributed to media during a Food and Drug Administration (FDA) hearing on bovine somatotropin (BST).

This week, Pure Food Campaign, which describes itself as "an international boycott of geneticall-ly engineered foods," updated its statement about its planned protest and leaflets distribution.

Pure Food Campaign has been calling for a protest of a number of McDonald's restaurants across North America because the industry giant won't join a group of businesses which are listed by Pure Food as declaring they won't accept milk or meat derived from cows treated with BST.

Although not approved yet by the FDA for commercial use as a supplement, of an by itself, BST is a naturally occuring protein hormone which is not functional except in cows where it is integral in stimulating milk production.

The proposed commercial use of BST resulted from the application of biotechnology to develop a relatively inexpensive source of pure BST for supplemental injections into cows to stimulate additional milk production.

All expert dairy researcher testimony to date has effectively been that BST, should its safety be approved as appears imminent, will not see grand scale use as is projected by opposition groups and individuals.

The conclusion has been that BST would be used as a tool for herd management only when all other aspects of dairy cow managment have been maximized.

Furthermore, the FDA has long approved the consumption of milk and meat derived from BST-treated cattle. In fact, supplemental BST has been in use for years now on certain farms approved for test trials.

In other words, not only is BST in all milk and meat, but milk and meat from cows treated with injections of additional BST has been in the consumers' food supply for years.

The FDA had long ago concluded that there is no possible way for BST — whether naturally made or biotechnologically produced — to be a danger to human health. In the human digestive system, proteins are broken down by enzymes, and BST does not stay in an active form.

Also, BST injected in humans has not produced any effects.

Commercial BST is produced through the raising of genetically altered bacteria which yield the protein hormone.

There is no difference between the types of BST whether it comes from a cow or if it produced by bacteria. No chemical difference has been detected.

Further, even a check of BST levels in milk and meat can not determine whether it came from an animal that received BST injections.

According to the FDA, BST research has provided one of the most extensive and exhaustive studies of any material ever presented to the FDA for review. More than 1,000 studies have been done on the protein hormone.

To date, no review of Monsanto Corp.'s injectable BST product has resulted in anything but approval. Some concern was issued by the U.S. General Accounting Office, an investigative agency of the U.S. Congress.

The GAO requested the FDA to look into the possibility that antibiotics would be more likely to show up in dairy products because of the use of injectable BST.

The FDA's advisory committees concluded strongly that scenario was implausible.

Nevertheless, Pure Food Campaign has been calling for a ban of all meat and milk derived from cattle treated with supplemental BST.

Some have questioned the motives of the campaign. For example, in its literature, the nonprofit activist group refers frequently to "BGH-free milk and meat" and only occasionally specifies that it means products derived from cattle receiving BST injections.

The group is also calling for special labeling of products resulting from cows treated with BST, though the only way to tell if meat or milk resulted from a cow given BST injections is to check farmer records.

While McDonald's media spokespeople said they were not aware of the protest until contacted by ***Lancaster Farming***, they said they were aware of Rifkin.

Rifkin, who authored a book which has been discredited by all respected academians and professionals, has promoted his theories against eating meat.

"His theories are far-fetched, totally unsupportable and without merit," said Ann Connolly, McDonald's Corp. spokesperson.

"This is a publicity stunt designed to sell his book and promote his personal agenda, and the Beyond the Beef Campaign folks admit they're only using McDonald's to create publicity," she said.

Connolly said McDonald's uses only top brand name dairy and meat products, purchased from the same companies which also market their products directly to consumers.

McDonald's buys from companies such as Carnation and Foresmost foods, "which are all governed by FDA standards," she said.

While McDonald's has dismissed Rifkin's attempts to stir consumer fears of its products as ridiculous, the Pure Food Campaign is also publicizing its 900-number on the leaflets.

Although Pure Food Campaign's 900- number is handled by MCI, a competitive telephone service company stated that its similar service should result in a profit of about $13,000, based on receiving 5,000 phone calls. Start up costs for that service is $250 and whatever expenses are necessary for advertisement.

Pure Food Campaign enjoys tax-free, non-profit status.

Pure Food Campaign, now working in conjunction with other Rifkin organizations, is claiming that it will have 20,000 activists at McDonald's restaurants today distributing leaflets to one million customers. Last week, Pure Food Campaign had claimed that it would have more than 2,000 "activist teams" doing the work.

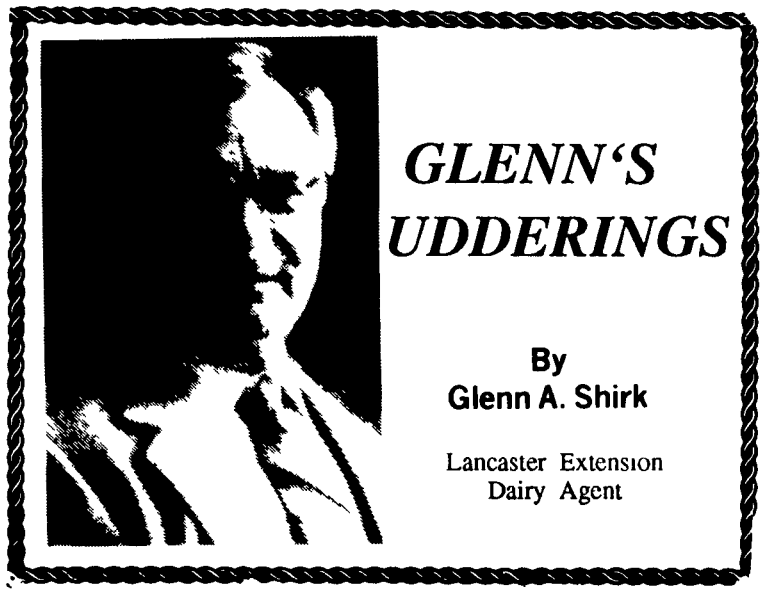
Generally, Pure Food can expect to receive about $2.50 per phone call for those listening to its approximately 4-minute message.

If just 10 percent of those to be contacted today call the 900- number as directed, the group could pocket more than $250,000 tax free.

In this week's statement, Pure Food Campaign states, "On April 17, the Pure Food Campaign is joining the Beyond Beef coalition in its Adopt-A-McDonald's campaign. McDonald's has been selected for the anti-BGH leafleting drive because it is among North America's largest users of milk, cheese, butter and dairy cow beef.

"Unless it pledges to be BGH-free, McDonald's could become one of the world's largest single restaurant sources of milk and meat from BGH-treated cows."

According to Cummings, a number of McDonald's restaurants in Pennsylvania have been targeted. He said protesters can be expected today at McDonald's in Butler, Elwood City, Huntingdon Valley, Newton, Exton, Erie, Philadelphia, Pittsburgh, Harrisburg, Wester Chester and Lewisburg.



GLENN'S UDDERINGS

By Glenn A. Shirk

Lancaster Extension Dairy Agent

SCC Linear Score vs. Weighted Count

The SCC levels for your herd are reported two different ways on your Raleigh DHIA Herd Summary Report and on your new Penna. DHIA Herd Summary Report II. One is the average linear score (or SCC code). This is a numeric average of the codes for all cows. The other is a weighted average of each cows raw cell count. The herd's average weighted cell count is affected by each cow's daily milk production. Thus, it should approximate your tank count.

When you compare the weighted raw count with the herd's average linear score you may discover that the raw count is outside the normal range expected for the herd's average linear score. This is not an error. Scores and cell count ranges appear in Table 1.

Table 1 Linear SCC Scores, Cell Count Ranges and Milk Losses

SCC Score	SCC Ranges (1,000's)	SCC Averages (1,000's)	Daily Milk Loss (lbs.)
0	0 - 17	13	
1	18 - 35	25	
2	36 - 71	50	
3	72 - 141	100	1.5
4	142 - 283	200	3.0
5	284 - 565	400	4.5
6	566 - 1130	800	6.0
7	1131 - 2262	1600	7.5
8	2263 - 4523	3200	9.0
9	4524 - 9999	6400	10.5

The reason for the perceived discrepancy is that the linear score is a numeric average and the weighted cell count, as its name implies, is a weighted average. The illustrations in Tables 2 and 3 show how the weighted count, and its relationship to average linear scores, change depending upon which cows are infected - the high producers or the low producers.

Table 2 High Producers Most Severely Infected

Cow I.D.	SCC Score	SCC Count (1,000's)		Daily Milk		Weighted SCC (1,000's)
A	3	100	x	40	=	4,000
B	7	1,600	x	80	=	128,000
Totals	10			120		132,000
Divisor	2					120
Averages	5					1,100

Table 3 Low Producers Most Severely Infected

Cow I.D.	SCC Score	SCC Count (1,000's)		Daily Milk		Weighted SCC (1,000's)
A	7	1,600	x	40	=	64,000
B	3	100	x	80	=	8,000
Totals	10			120		72,000
Divisor	2					120
Averages	5					600

Note that the average linear score is the same (5) in Tables 2 and 3, but the weighted SCC is quite different, 1,100,000 compared to 600,000!

You will also note that the weighted SCC count in both tables is outside the range expected for a linear score of 5, as seen in Table 1 (284,000 - 565,000). This is due to the fact that each time the score increases by 1, the cell count doubles. An increase from code 3 to code 4 increases cell counts by only 100,000, but an increase from code 6 to code 7 increases cell counts by 800,000! So, if you have a number of cows with counts considerably higher than herd average, you can expect the weighted cell count to be higher than what the average linear score might lead you to think.

What SCC levels should you aim for? A 200,000 count or less is a reasonable and attainable goal. At this level you are not losing too much production — perhaps 1.5-3.0 pounds as indicated in Table 1. You will probably qualify for some quality premium payments, and you will have less vet and culling expenses. It's worth striving for.

Penn State Cooperative Extension is an affirmative action, equal opportunity, educational institution.

MARYLAND DHIA

(Continued from Page A32)

MONTGOMERY COUNTY

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
Walker, Stewart & Sons	H	127	69.7
Beneva Farms	H	80	68.2
Rudell C Beall & Sons	H	171	67.1
Boone Brothers	H	130	70.0
McFarland Donnie & Wayne	H	129	68.8
Charles R Patterson	H	126	68.5
L J & W E Palmatary	H	169	67.4
Donald W. Skinner	H	72	67.2
Benjamin Stanton	H	38	66.7
F & J Moore	H	121	66.4

POTOMAC VALLEY ASSOC.

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
Calvin P. Dayton	H	72	74.2
Ron-Ell Dairy Farm	H	57	70.3
Brookedale Holsteins	H	80	70.1

QUEEN ANNES COUNTY

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
Pintail Point Farm	H	76	72.9

TALBOT COUNTY

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
Wm. Brinsfield	H	49	75.3
H W Snow Jr & Henry	H	49	70.9

WASHINGTON COUNTY

HERD NAME	HERD BREED	COWS IN HERD T	MILK AVG FCM T
Dar-View Farms	H	148	80.3
Creek Bound Farm	H	83	74.5
Isaac And Diane Martin	H	54	73.8
Robert C. Jones	H	55	73.7
Dwayne & Miriam Bell	H	27	73.6
Hills Hope Holsteins	H	62	73.2
Clair E. Garber	H	23	72.0
George E. Mason	H	85	71.2
Gilson R. Martin	H	48	71.1
Jaye C. Young	H	65	69.1
Curtis W Ausherman	H	138	68.6
Mike Stiles	H	79	68.5
Martietam Farm	H	45	68.3
Dwayne & Miriam Bell	BrS	54	68.1
Debaugh Farms	H	89	68.0
Kenlin Martin	H	53	67.9
Lester Strite	H	50	
Marvin R Martin	H	58	
Marvista Farm	H	115	66.9
Lynn Strite	H	59	66.6
John A Horst Jr.	H	136	66.5
Chris-Gold Holsteins	H	54	

HIGH BROWN SWISS HERDS (3.5% FCM)

Herd Name	County Ass'n.	Cows in Herd Total	Milk Avg. FCM Total
Tom and Joy Crothers	Cecil	13	82.5
Dublin Hills Swiss	Frederick	21	74.9
Fir-Thorne-B	Frederick	14	74.8
Dwayne & Miriam Bell	Washington	54	68.1
K. Scott Hood	Frederick	24	63.5
Rudell C. Beall & Sons	Montgomery	18	63.2
Long View Farm	Frederick	41	63.1
Garstlyn Swiss	Carroll	11	59.3
Fleming & Frey	Washington	29	57.9
Glenvale Farm	Carroll	21	53.1

HIGH AYRSHIRE HERDS (3.5% FCM)

Herd Name	County Ass'n.	Cows in Herd Total	Milk Avg. FCM Total
Patrick, David & James	Howard	60	61.7
Pudding Run Farm	Kent	12	55.8
Vales - Pride	Frederick	20	52.5
Potomac St. College	W. VA.	61	49.4
Edgewood Farms Inc.	Howard	46	48.4
Shank, Ralph W.	Washington	210	44.7
Seneca Ayr Farms	Montgomery	43	44.4
Con-Ayr Dairy	Washington	74	42.4

HIGH GUERNSEY HERDS (3.5% FCM)

Herd Name	County Ass'n.	Cows in Herd Total	Milk Avg. FCM Total
Cletus & Janice Frey	Washington	52	58.9
Slatedale Guernsey	Montgomery	34	56.7
Level Square Farm	Queen Anne's	90	56.5
Mt. Ararat Farms	Cecil	82	56.3
Dogwood Lane Farm	Kent	52	54.6
William B. Messix	Queen Anne's	18	54.3
England Farms Inc.	Cecil	16	53.4
Homer & Sadie Kinsinger	Garrett	12	51.3
Fred M. Garber	Washington	47	50.6
John & Wm. Schnebly	Washington	75	45.3
Ray Roger Garber	Washington	31	45.3

HIGH JERSEY HERDS (3.5% FCM)

Herd Name	County Ass'n.	Cows in Herd Total	Milk Avg. FCM Total
Paul & Naomi Petersheim	Garrett	38	65.4
Queen Acres	Carroll	140	61.4
P. Thomas Mason	Kent	41	59.5
Homer and Sadie Kinsinger	Garrett	48	57.4
Maryland Sunset View	Carroll	72	52.9
Eli Swartzentruber	Garrett	38	52.5
Gaywinds Farm	Frederick	42	52.0
Spring-Vale	Frederick	17	51.6
Michael Forsythe	Washington	13	51.4
Ned & Sarah Davis	Cecil	40	50.6
Stiles G. Nathan	Washington	42	50.6

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Cumberland Valley Tractor Pullers Association

1993 Pulls
April 24, May 22,
June 12, June 26,
August 7, September 11

Newville Fairgrounds
Newville, PA
6:30 PM

Combination of Classes will pull each night

Information (717) 249-8434
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F-80 WATER BOWL

Featuring

- Solid one-piece cast-iron bowl
- **Coated with Baked On Top Grade Polyester TGIC Powder**
  - Smoother finish stays cleaner
  - More durable than paint
  - Chip resistant
- Stainless steel nose pan
- Improved brass valve assembly
  - Softer washer for better seal
  - Lighter spring for less required pressure
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- Screen on valve for water filtration

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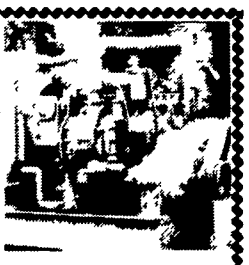

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- New - Rebuilt - Used Engines & Power Units
- New & Used Replacement Parts
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- In Field Service - Crane Truck Equipped With Welder - Torch - Compressed Air - Parts Washer

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Ephrata, PA 17522
(717) 733-3890
(717) 738-3146 FAX

Delaware Valley College
45th Annual

Saturday, April 24th **A-Day** Sunday, April 25th

Presented by the Students of
Delaware Valley College of Science and Agriculture

Rain or Shine
Saturday & Sunday
9:00 AM - 5:00 PM

Main Attractions
Livestock Showing & Judging
Flower & Craft Shows
Horse Show
Tree Planting & Climbing
Milking Demonstrations
Science Exhibits

Special Events
Live Entertainment
Pony & Hay Rides
Kiddie Tractor Pull
Canoe Rides
Orchard Tours
Petting Zoo

Refreshments
B.B.Q. Chicken - Hamburgers & Hot Dogs - Fresh Milkshakes

Shuttle Transportation Running Continuously From
C.B. West High School, Lenape Middle School and Pine Run Elementary

Route 202, Doylestown, PA
Additional Info Call: 345-1500

Sale Reports

SHIVERY ESTATE SALE

An Estate Coin Auction was held April 3 for the estate of Evelyn H. Shivery, Russelville, Pa. There were 67 registered bidders from 7 states.

Some items sold were: 1851 $50 gold piece $3300, 1903 Louisiana Commerative $1 gold piece $2200, 1795 Flow hair dollar $1100, 1897 Coronet $5 gold piece $1000, 1900 Lafayette Commerative dollar $950, 1845 seated Liberty dollar $950, 1800's Mexican silver (miscl. lot) $800, 1889 Indian $3 gold piece $700, 1936 three Columbia S.C. Sesqui-Centennial $650, Capped Bust half-dollars $110 to $450 ea., seated Liberty halves $40 to $700 each, Barber halves $30 to $425 each, 1868 5¢ shield-type $250, 1877 Indian head $200 and 1857 Fly Eagle $120.

Whiteside Auction Service conducted the sale.

ALLISON SALE

A Public Auction of furniture, guns and tools was held April 3 by J.N. and C.L. Allison, 4½ miles south of Belleville, Centre Co., Pa. There were 260 registered bidders attending the sale.

Some items sold were: Lawn Chief tractor $400, radial saw $190, jointer $260, muzzle loader gun $800, Winchester 3840 rifle $1000, double barrel 12 gauge tun $200, 2 gal. Huntingdon decorated crock $2200, Grandmother clock #310, oak washstand $320, Electrolux sweeper $325, air conditioner $310, 2 small dry sinks $360 & $475 and cupboard with glass doors $560.

Mark Glick was the auctioneer.

SHARP ESTATE SALE

A Public Sale of real estate and antiques was held April 3 for the estate of Helen M. Sharp, Front Street, Lititz, Lanc. Co., Pa. There were 278 registered bidders at the sale.

The 2½ story semi-detached dwelling with a one-car garage was sold for $50,500 to John Sayre of Ephrata, Pa.

Other items sold were: oak side-by-side desk $475, mahogany Governor Winthrope desk $330, mahogany card table with claw feet $225, wash stand $120, candlewick glass water set $425, 8 candlewich sherbet glasses $80, stick spatter platter $100, antique log cabin quilt $170, iron rabbit doorstop $110, painted Hoosier kitchen cabinet $95, 1981 Plymouth Reliant car $725, Seth Thomas Clock $55 and Roseville vase $32.50.

T. Glenn. Timothy and Thomas Horst were the auctioneers.

MINNICH ESTATE SALE

A Public Sale of household goods and antiques was held April 3 for the estate of Arlene Minnich, 1369 West Main St., Ephrata, Lanc. Co., Pa. There were 105 registered bidders at the sale.

Some prices included: broad axes $6 to $35, bench vise $45, mirror $67, eagle cookie cutter $42, Betty lamp $65, toy turtle $60, painted pitcher $50, stuffed bear $80, shelf clock $190, coverlet $110, Dutch cupboard $650, china cupboard $80, Maytag washer $190, wicker chair and table $130 and Weidman sign $250.

Paul E. Martin Auction Service conducted the sale.

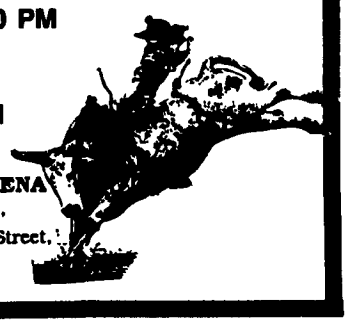
ISENNOCK CONSIGNMENT SALE

Annual Spring Consignment Auction of farm machinery and tractors was held April 3 at Isennock Auctions, New Park, Pa.

Some items sold were: J.D. 1020 tractor $5100, M.F. 410 combine w/grass & corn heads $2100, Int. 1978 truck $1000, Chev. 1957 truck $525, Ford 1970 truck $370, N.H. 351 grinder $850, A.C. C tractor $575, Oliver PTO manure spreader $300, two ground-driven manure spreaders $210 each, two J.D. 210 lawn tractors $900 & $700, M.F. sickle bar mower $320, Int. sickle mower $240, Yazoo mower $475, 3 pt. sprayer $290, 3 pt. post hole digger $200, 3 pt. generator $250 and airless paint sprayer $320.

Isennock Auction Services, Inc. managed the sale.

York Springs Auto Auction Presents
BULLRIDE MANIA
Tonight @ 7:30 PM (4-17-93)
Tomorrow @ 2:00 PM (4-18-93)
FARM SHOW ARENA
Exit 23 off I-81,
2301 N. Cameron Street,
Harrisburg



ATTENTION FARM OWNERS
Huntingdon, Perry, Juniata Counties/Central PA)

- If you are considering leasing or selling a portion or all of your dairy/general farm, but the many decisions make you uncertain or
- If you would like to increase your monthly income while continuing to live on and operate your farm, please consider the following:

A very flexible buyer is seeking to purchase or lease a farm (approx. 100+/- acres with some woods) in a peaceful setting to be used for farm retreats. Is willing to give seller long term farming rights, if desired, and other favorable options. Will pay all necessary expenses including a referral fee (min. $2,500) to anyone involved in referring a successful transaction.

Call (301) 262-9858

QUAIL RUN RANCH
Limousin Production Auction
Approximately 17 miles N. of Butler PA on Rt. 8, turn West on Branchton Rd., Slippery Rock, Pa.
SAT., APRIL 24, 1993
Starting at 11:30 A.M.
Selling 56 Lots
Purebred, Fullblood, Polled, Black, and Red, 27 Full Blood and Purebred Bulls Black and Red Polled
29 Females Full Blood, Purebred, Open HFRS, and Cow Calf Pairs

This is an outstanding group of cattle ready to improve your show string, or commercial herd. Don't miss this auction.

For more information or preview contact Ranch Manager Rex McDowall at 412-794-5214 or 412-794-5609.

Owners:
ROY AND IRMIE NEER
Auctioneer: John R. Huey II
Slippery Rock, PA AU-001588-1
(412) 794-6044
Call for Detailed Listing
Lunch Available

PUBLIC AUCTION
OF
ANTIQUES & COLLECTIBLES
WEDNESDAY, APRIL 28, 1993
10:00 A.M.
LOCATION: Shop & Play Hall, Route 209, Lykens, Pennsylvania.
(The Following Is a Brief Listing of Numerous Items that will be sold to the Highest Bidder without Reserve)

FURNITURE

Oak Includes Bureaus, High Chests of Drawers, Machinist's Tool Chest w/Tools, Child's Roll-Top Desk w/Chair, Kitchen Cabinets, Sm. Ice Box, Wardrobe, Butterprint Dresser & Sideboard, Wash Stands, Bed, Tables, Etc.; Mahogany Arm Chair w/ Old Man of the Mountain Carved Back; Cherry Hepplewhite 1-Drawer Stand; Bucket Bench; 2-Pc Grained Corner Cupboard w/12-Pane Arch Door over 2 Doors; Piano Stool w/Claw Feet; Misc. 1-Drawer Stands; 4-Leg Dropleaf Table w/Drawer; Round-Top & Flat-Top Trunks, 6 Victorian Cane Seat Chairs; Dough Boxes, Jelly Cupboards; Blanket Chest w/Old Red Paint & Turned Feet; Hanging Corner Cupboard; 2-Lid Dovetailed Woodbox; Kitchen Cabinets; 10-Pc Depression Era Dining Room Set, RCA Victor Floor-Model Radio; Rishell Floor-Model Mahogany Record Player; 5-Leg Maple Extension Table; 2 square Walnut Victorian White Marble-Top Stands; Walnut White Marble-Top Wash Stand, 2-Door Victorian Music Cabinet; Etc.

MISC. ITEMS

Collection of Tramp Art Includes Small & Miniature Chests, Picture Frame, Match Holder, Combcase, Ornate Dresser Chest w/Drawer, Mirror w/Drawers, Hearts & Good Luck Horseshoe, Etc; Roseville Vases, Candlesticks, Bowls, Jug, Creamer, Sugar & Teapot, Etc.; Balloon Man & Balloon Seller Royal Doulton Figurines; 5 Quilts; Red, Blue & Green Coverlet by Stager, Lancaster County; Early Floral Area Rug & Runner; Cold Spring Stock Lager Brewery of Sunbury Advertising Items; Beer Trays; Stereoptican Viewers w/Cards, Aladdin Lamps; 2 Gone w/the Wind Lamps, Bracket Lamps w/Reflectors; Kerosene Lamps, Brass & Iron Taster's Spoons; Wrought Iron Snow Birds & Heart-Shaped Trivet; Wooden Butter Bowls, Paddles, Butter Churn & Rolling Pins, Cowden & Wilcox Decorated Batter Jug; Cowden Jug w/ Blue Stencil; Redware Crocks & Cake Molds, Coffee Grinders; 2 Hanging Victorian Magazine Racks w/ Porcelain Buttons; Metal PA Hunting & Fishing Licenses; Clocks Include Misc. Mantel in Black, Gingerbread, Oak Pressed, Victorian Walnut, Half-Column w/Wooden Works, Ogee, Etc , Ingraham 8-Day Banjo Clock; Misc Kitchen Clocks by E Ingraham, Seth Thomas, Gilbert, Etc ; Toys Include Pedal Plane, Wee Wheelers Tin Scooter, American Flyer Engine w/9 Cars & Loading Platform, & Lionel Engine w/3 Pullman Cars, Tender, Track & Water Tank, String of 26 Sleigh Bells, PRR Lanterns & Water Bucket, Copper Washboilers & Large Apple Butter Kettle, Hand-Operated Instrument by AutoPhone Co, 4 Violins w/Cases, Banjo-Mandolin w/Case, Donruss Baseball Cards; Postcard Albums; 6 Ned Smith Prints - Suspicious, Pirouette, Reconnaissance, Regal Hermit, Moonlight Buck & The Millersburg Ferry, Picture Frames; My Little Playfellow by N Currier, Juliet Print, App 20 Pocket Watches, 2 Ladies Watches; Silver w/Turquoise Stones Watch Band, Men's Ring & Bear Claw Pendant, Misc Books Include Northumberland County History by Bell & Floyd; Vol. II Frontier Forts of PA; Annals of Buffalo Valley; 1785-1876 History of Dauphin County, 1726 2 Vol Collection of the Works of William Penn, Numerous Other Items

GLASS & CHINA

65-Pc Set of Haviland Limoges China; 90-Pcs. of Hall Autumn Leaf China, App. 35-Pcs of Carnival Glass in Patterns such as Grape & Cable, Good Luck, Oriental Poppy, Sunflower, Cherry, Treebark, Diamond Lace, Etc.; Noritake Azalea Mayonnaise, Cut Glass Handled Nappies; Etc.

AUCTIONEER'S NOTE: There are many items too numerous to list! If you're looking for antiques & collectibles, plan now to attend this auction. Everything will be sold to the highest bidder on the premises without reserve. You'll find this to be an old-fashioned auction - No mail bids, No phone bids, No buyer's premium!

TERMS: Cash. Personal checks accepted only from persons having an established account w/ Auctioneer or approval prior to day of auction.

EXHIBITION: Day of Sale only from 8:00 A.M. to 10:00 A.M.

AUCTIONEERS: DOCKEY AU229L, DOCKEY-ROMBERGER AU1683L & DEPPEN AU1957L

LEE B. DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
Box 164 Pillow Pa 17080
Phone 758 6004

36TH ANNUAL MARCH OF DIMES AUCTION
TUESDAY, APRIL 20, 1993
@ 6:00 P.M.
At the Green Dragon Farmer's Market & Auction.

Donated items greatly appreciated. Bring items to the Green Dragon anytime after 12:00 Noon on April 20, 1993.

Everyone Welcome! We have a variety of items to sell: Foodstuffs, Quilts, Tools, Antiques, Furniture, Baked Goods, and many, many items too numerous to mention.

Merle Z. Eberly, Chairman
215-286-5183
Adam Z. Zimmerman, Co-Chairman
717-733-7634

PUBLIC AUCTION
REAL ESTATE
WED. EVENING, JUNE 9, 1993
At 6:30 P.M.
Location - 1027 W. Kings Hwy. Coatesville, Pa. In West Caln Township, Chester Co. Located on 340 West of Rt. 82 & East of Rt. 10.

Real Estate Consists Of: A 1½ story cape cod style dwelling, a masonry & brick structure with asphalt shingle roof. It rests on a 9.8 acres of land more or less with some frontage on the Brandywine Creek. Serviced by an oil fired hot water baseboard unit with summer/ winter hookup on site well water & sewage. The house contains on 1st floor: kitchen with wall oven, Corning glass countertop range, living room with stone fireplace; dining room with sliders to enclosed glass; heated sunporch, 2 bedrooms & full bath. Some rooms hardwood flooring.

2nd floor contains a room with cedar closet; large bedroom with access to storage area; hardwood flooring, full basement concrete floor with a built-in 2 car garage with electric openers, a laundry room, bathroom with stall shower and storage room. Garden shed and a heated 1 car garage, with finished recreation room & fireplace. Inspection of property by appointment only. Call (215) 857-2149. Open House Sunday, April 25th from 1:00-4:00 P.M.

10% deposit day of sale. Cash or certified check, 30 day settlement on or before.

Estate of:
JOHN F. PRATT
Executors: Carl Pratt & Herman Pratt

Auctioneers
Kenneth Griest Lic #AU-001270-L
John Stoltzfus Lic #AU-001728-L
Phone (215) 857-2149

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Brush, Roll Or Spray - We'll Do It Either Way
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Public Auction

Discontinuing Farming Will Sell On Farm Located 5 Miles South Of Middletown, Md. On Route 17 To Pleasant View Church, Right On Picnic Woods Road, ½ Mile To Arnoldstown Road, Left ½ Mile To Farm On Right.

Monday, April 26, 1993

At 10:30 A.M.

Four Tractors And Farm Machinery

Farmall 826 Diesel Tractor, Hydrostatic, W.F., P.S., 3200 Hrs.; Int. 674 Diesel Tractor, W.F., P.S., 3885 Hrs.; Int. 544 Diesel Tractor, Hydrostatic, W.F., P.S., 3400 Hrs.; Int. 300 Utility Tractor, W.F., 4700 Original Hrs. These Tractors Are Very Clean, Serviced Regularly & Kept Under Roof.

Haying Equipment

New Holland 310 Baler w/Thrower; N.H. 489 Haybine, 9 Ft.; N.H. 256 Rollabar Rake; Grimm Hay Tedder; Int. 7 Ft. Fast Hitch Sickle Bar Mower; Grove 15 Ft. Bale Wagon; 2 Wagons w/Haysides; 2 Flat Bed Wagons; 3 Running Gears; H.D. Front On Rear 3 Pt. Bale Spear; Another 3 Pt. Bale Spear; JD 300 28 Ft. Elevator.

Planting & Harvesting Equipment

Oliver 4-30 In. Row No-Till Cornplanter w/Fertilizer & Insecticide Boxes & Monitor; John Deere 15/7 Disc Grain Drill; Gehl 300 Forage Harvester w/1 Row Corn Head; Rubber Tire Wagon w/Hydraulic Dump.

Tillage Equipment

Int. 710 5/16 Automatic Reset Plow w/ New Shares & Colters, Allis Chalmers 2300 Transport Disc, 10½ Ft.; 9 Ft. Cultimulcher (Roller Harrow); Pull Disc; Single Cultipacker; Wide Lever Harrow.

Misc. Equipment

Int. 2000 Loader w/Manure Fork; 7 Ft. Material Bucket Sells Separately; New Idea P.T.O. Manure Spreader; Int. 3 Pt. Scraper Blade; Woods Cadet 72 3 Pt. Rotary Mower; Tractor Seeder; 250 Barrel Wire Corn Crib.

New Rubber Tire Wheelbarrow; Good Used Tin Roofing; Assorted Metal & Wooden Farm Gates; Metal Fence Posts; Elec. Fence Stakes; Roll Barb Wire; Elec. Fencers; Tractor Weights & Chains; Grindstone; McD 1 Hole Corn Sheller; Leg Vise; Wall Drill Press, RR Jack; Barn & Garden Tools; Pipe & Scrap Metal, Endless Belt.

Dairy & Feeding Equipment

DeLaval Milker Pump; Stainless Expansion Tank Like New; Automatic Washer & Tank, 3 Milking Units; Pipeline For 18 Cow Stanchion Barn; Jamesway & Girton Feed Carts; Old Strainers; Metal Round Bale Feeder; 3 Wooden Hay Racks; Feed Troughs.

100 Bales Wheat Straw

1973 Ford F150 V8 Pickup

Household & Collectibles

Early Spindle Cradle; Round Table w/ Extra Leaves; Several Country Tables; Oak Arm Rocker; Pressed Back & Hard Bottom Chairs; 3 Pc. Dep. B/R Suite; Pot Belly Stove; R.F. & P RR Tin; Milk Cans; Carriage Light; Oil Lamp; Lantern; Wood Saw Blades; Scrub Boards; Shoe Last; Sled; Violin & Case; Main's Ice Cream Tins; Portable Record Player; Records; Slaw Cutter; Griswald #9 Skillet; Crocks And Other Useful Articles.

Sale Order: Household Articles; Small Items Off Wagon; Tractors & Machinery @ Approx. 12 Noon.

Terms: Cash Or Approved Check. Not Responsible For Accidents.

W. AUSTIN ZECHER

Phone 301-371-6963

Or 301-473-8411

Auctioneer: Robert C. Mullendore
Boonsboro, Md.
Phone 301-582-0546

Clerk: C.L. Metz

Lunch Rights Reserved

TRACTOR AUCTION

ANTIQUE & MODERN

TUESDAY, APRIL 27, 10:00 AM

To Be Held At Diffenbach's New Holland Auction Center- 100 W. Jackson St., New Holland, Pa.

CONSIGNMENTS WELCOME!

PARTIAL LISTING:

1930 Fordson Tractor- Restored
1942 JD "B"- Ex. Cond.- Runs
Case 400 Diesel
1939 F-14 Farmall
JD 2955- 4WD
Many Fordson Tractor Parts

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ALAN DIFFENBACH AUCT.-AU2258-L

THE DUKSA FAMILY ANTIQUE COLLECTION

JD TRACTORS, OLD ENGINES, EQUIPMENT

RT. 22, COPAKE, NEW YORK

SATURDAY, MAY 1 @ 10:00 A.M.

NOTICE: This is one of the largest 1 owner collections ever to be offered at public auction. A rare opportunity here to purchase quality equipment from a great collector family.

LOCATION: The auction will be held at the Lackawanna farm on Rt. 22, Copake, 6 mi. S. of Hillsdale, approx. 50 mi. S. Albany. From exit 21 N.Y. Thruway take Rt. 23 to Rt. 22 S.

SELLING 64 TRACTORS (3 CRAWLERS): JD Lindeman w/blade- restored, S/N 33667; JD 6PWT-restored, excellent, S/N 404906; JD A highcrop-restored, excellent, S/N 673762; JD 60 high crop-restored, excellent, S/N 6012443; JD 6 PO S/N 0-15422-Restored; JD 6P on steel, S/N 218414-restored; JD AN, original; JD LA-restored; JD LI-restored; JD L-restored; 1927 JD D; 1948 JD D; (7) JD B 1936-1948; JD 6P parts; (2) JD A parts; JD 6P on steel; JD AO; JD 70 D pony start, standard, good cond.; JD 730 D WFE pony; (3) JD R; 1944 JD B w/2 way plow; 1937 JD A-restored; 1951 JD AO-restored; JD 420 I crawler-loader; JD 520 w/3 pt.; JD H; JD M; JD 40; JD 50; Cat D2 w/ blade; Case C-restored; AC WD-restored; Silver King-restored; Case SC-restored; (5) Fordson winch tractor; Fordson on steel; Fordson Crawler; Fordson Weir Grader; Farmall A highcrop; Ferg. 20; Cockshut 30; (2) McCormick 1020; AC RC; AC G w/complete line of tools; Ford 9N; Farmall regular; Fordson on steel; (2) F20; F12; Ford 801.

EQUIPMENT: JD D power unit; Miller trailer; (2) IH mowers; 8' disc; 2R horse planter; horse cultivator; AC round baler; Gravely cultivator; snowplow; several 2 way plows; JD 48 loader; fire truck body; cultipacker; old garden tractor w/sulky NI rake; Kuhn tedder; manure spreader; 2&3 B plows; several good tires & wheels; cast iron seats; large selection of old parts attachments & supplies.

ROLLBACK TRUCK: 1967 GMC diesel tandem w/24' bed - nice shape!

ANTIQUE TRUCK & GAS ENGINES: 1929 Ford model A dump, very good condition; Approx. 15 flywheel engines - McCormick, Witte, Steven, Fuller & Johnson, Ottawa & others.

TERMS: Cash or good check with current letter of recommendation from your bank.

OWNERS:

THE DUKSA FAMILY

Bob, Marian & Bobby

Phone 518-329-2081

Inspection welcome Friday, April 30 - 10:00 A.M. to 4:00 P.M.

Roy Teitsworth, Inc.
PROFESSIONAL AUCTIONEERS
SALES MANAGER & AUCTIONEER
6502 BARBER HILL RD.,
GENESEO, N.Y. 14454
716-243-1563

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

APRIL

SAT. APR. 17 - 9:30AM, Featuring Guns, 15' Motor Boat w/40' Johnson Motor, Appliances, Furniture, Household Collectible, Satellite System, Shop Equip., Tools, Shed, Scrap Pile, J. Deere 8 HP Lawn Tractor, Etc. Located RR 1, Liberty (Tioga Co.), Pa. Approx. 1 Mile West Of Liberty Along Rt. 414. Watch For Auction Signs Of Off The Liberty Exit Of US Rt. 15 Owner, Joseph Brion. Conducted By Scott Younkin & Associates.

SAT APR. 17 - 10AM, Dairy Cattle- 12Noon, Tack & Tools- 3 PM. Horses Following Tack Sale. Livestock Connection Auction. Located On Route 191 12 Miles North Of Honesdale, Pa., 2 Miles North Of Rileyville Corners, 7 Miles East Of Callicoon, N.Y. C&S Sales Stables Mgr's. Wayne E. Weaver Auct. & Sales Mgr.

SAT. APR. 17 - 10AM Hereford Cattle, 9 tractors, trucks, farm machinery, 1919 Model-T Pickup, Misc. Located approx. 7 mile N. of Butler, Pa. on Rt. 308 or approx. 20 mile S. of I-80 Exit 4 on Rt. 300. John R Huey, auct.

SAT APR. 17 - 10 45AM Approx 300 Bank Vehicles, Many Absolutes At Keystone Public Auto Exchange, Rt. 22/222 Between Dauphin & Clarks Ferry Bridge. Kerry Pae, auct.

WED. APR. 21 - 1:30PM Belleville Livestock Market, 48 Manture cows. For more info. call Gene Glick 717-667-2703 or 717-935-2146.

FRI. APR. 23 - 6PM 22nd Annual Sale 375 Head of Livestock, Located 5 miles N. of Chambersburg, Pa. & five miles S. of Shippensburg, Pa. on Route 11. John C. Diehl & Sons. Robert C. Mullendore, auct.

FRI. APR. 23 - 8PM Complete holstein milking herd and bred heifers dispersal for Fred and Evelny Handel, Rawlinsville, Pa To Be held at Smoketown Quality Dairy Sales, Smoketown, Pa. Rt 3 40 Managed by Smoketown Quality Dairy Sales.

SAT. APR. 24 - 8AM New York's Favorite Consignment Auction, Teitsworth Auction Yard Groveland. Farm Equip, horse farm equip. lawn tractors, nursery stock Roy Teitsworth, Inc , aucts

SAT. APR. 24 - 11AM, Honey Hollow Farm Machinery Muller Excavating & Contracting Auction Located At Intersection Of US Rte 9 & Col Cty. Rte 31, Blue Stores, Across From Stage Coach Inn And Nice & Easy Store. Approx 8 Miles No Of Red Hook & 12 Mi. South Of Hudson, N.Y. Sale By Order Of Honey Hollow Farm & Muller Excavation. D. Luther Auct.

SAT. APR. 24 - 11:30AM Quail Run Ranch, Limousin Production auction, approx. 17 miles N. of Butler, PA on Rt 8, turn West on Branchton Rd., Slippery Rock, Pa Roy and Irmie Neer, owners. John R. Huey II, auct

Belleville Livestock Market

Wednesday, April 21, 1993

1:30 PM

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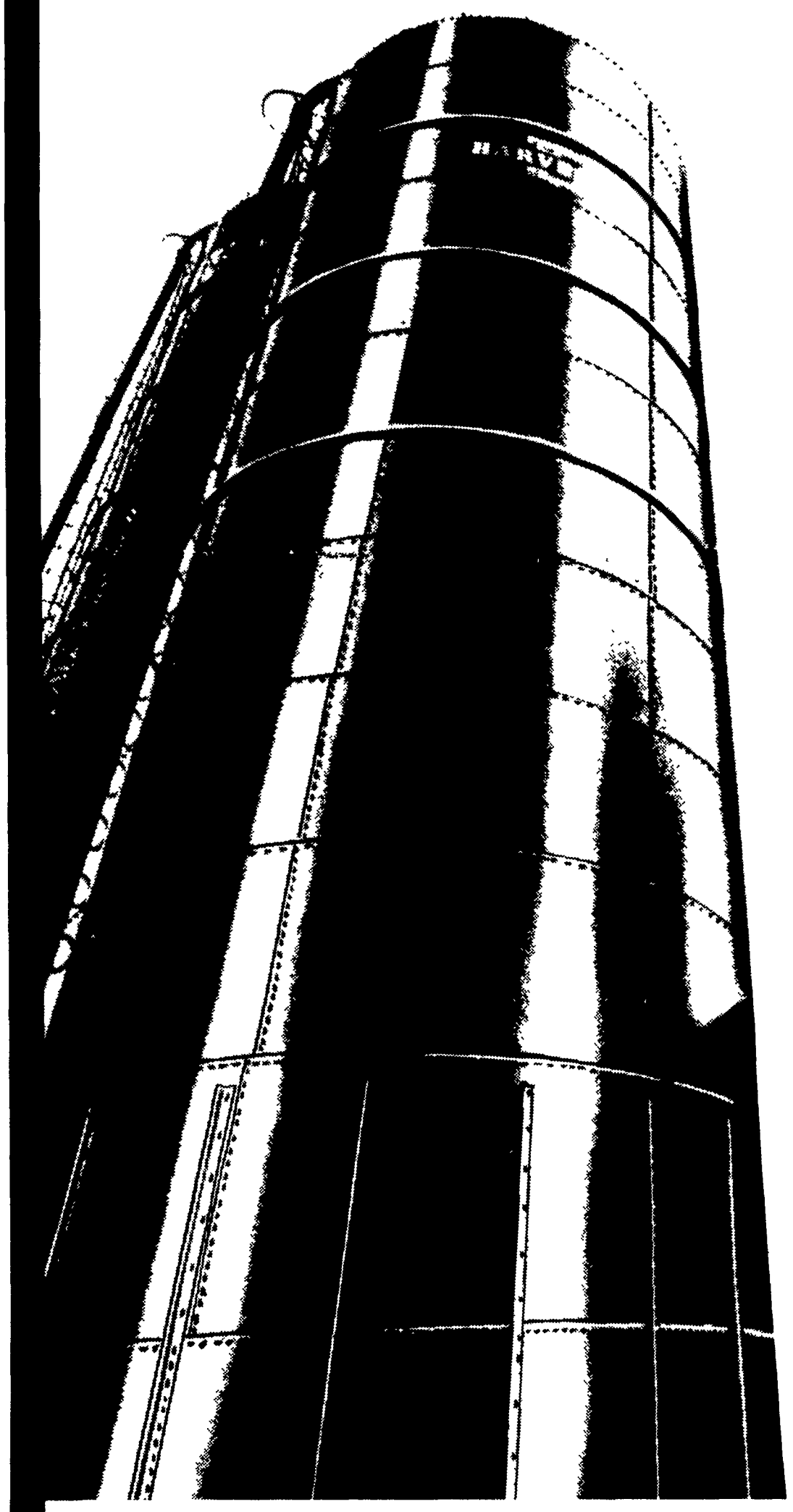

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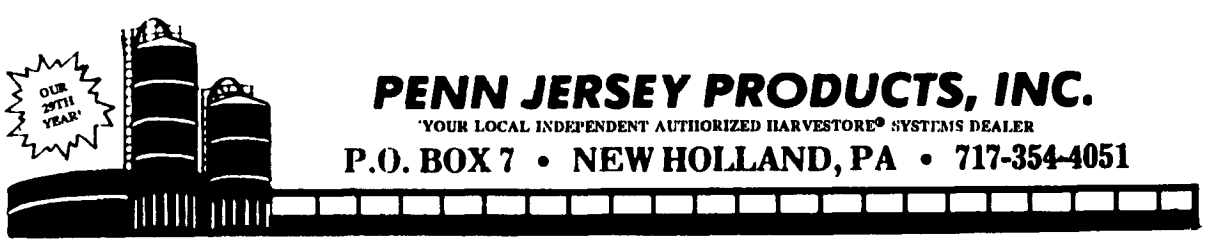

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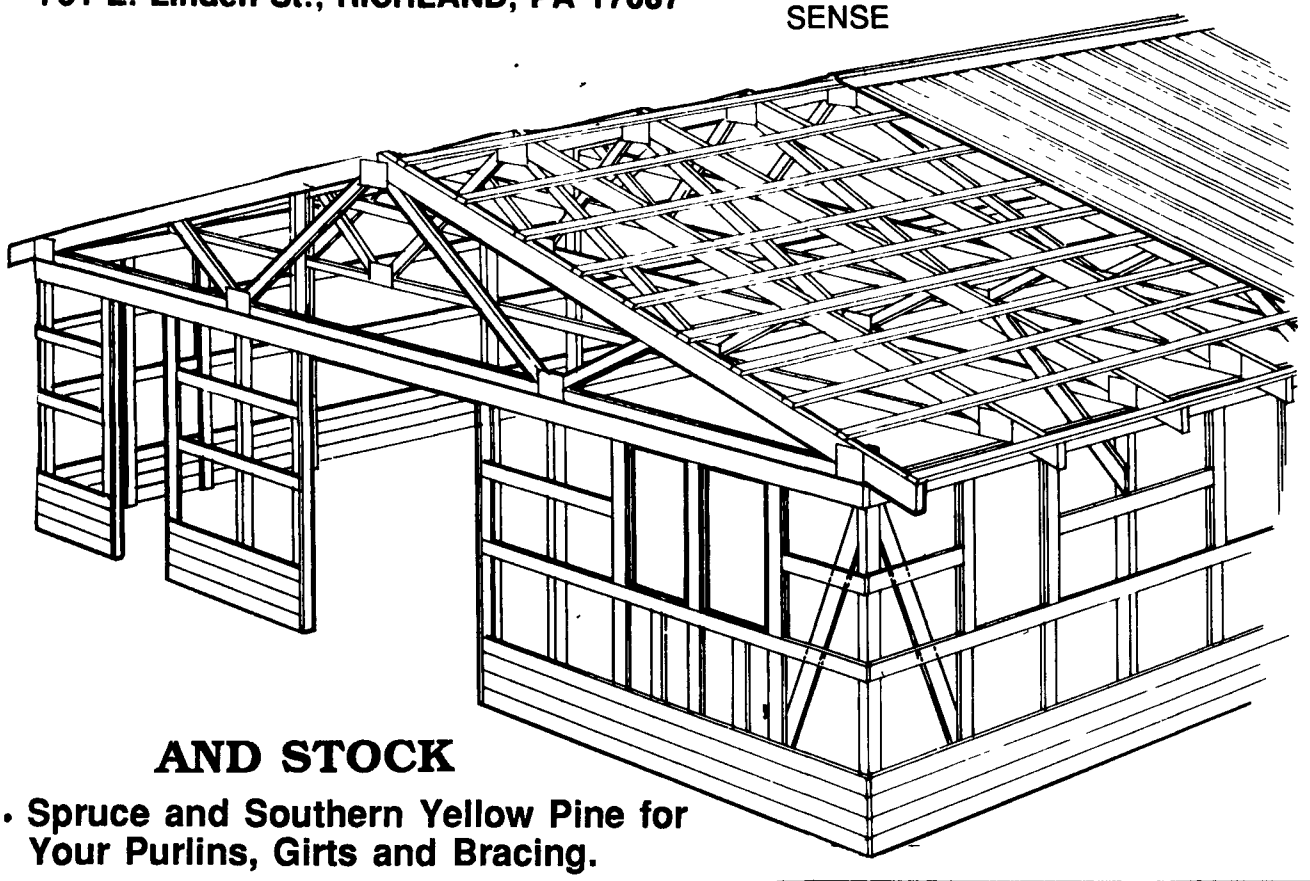

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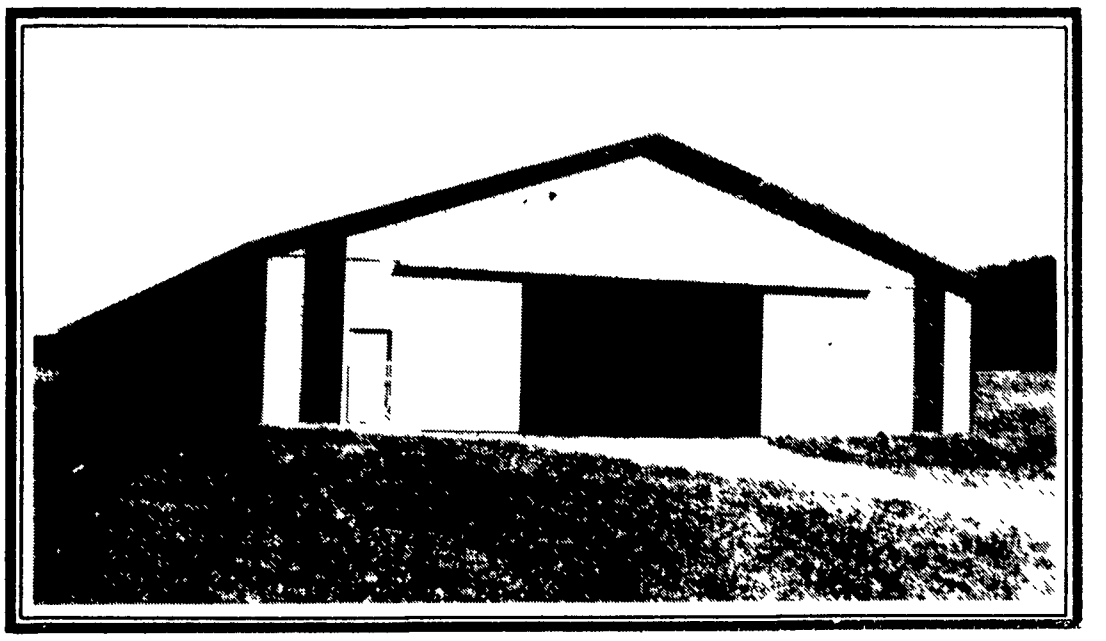

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Front, left to right: Lisa, 21; Laura, 3; Sara, 10; Julia, 14; back, left: Nathan, 12; right: Jonathan, 14.

Mixing up another batch of bread dough is a common occurrence in the Howe family.

Family Tradition Means This Brood Bakes Up A Storm

BILL ESBENSHADE
Chester Co. Correspondent

DOWNINGTOWN (Chester Co.) — In an airy country kitchen, mix together six brothers and sisters, ages 3 to 21; add one mother; stir in dough, seasonal fruit, and various utensils and mixing bowls. Bake until done just right. Result: pies and short cake, crisps and cobblers, and breads. And a family tradition.

The reader may remember the Lamar and Mary Howe family from an earlier Lancaster Farming article featuring their turkey operation. This brood can also bake up a storm!

A visit to the Howe kitchen often finds them making apple and mince meat pies and apple crisp.

A five-feet-by-five-feet kitchen table, made by Lamar and Mary's son-in-law, provides the bakers with ample work space. A picture window next to it provides plenty of light.

Baking is a bi-weekly event for the Howes. They bake pies in quantity, usually at least eight at a time, for their family and friends. "We do a lot of cooking for people in our church," said Lisa. "When the women have babies, we [help] provide meals for a couple of weeks after the baby is born."

Amid the clatter of utensils, bowls, and voices, Mary patiently instructs the younger children. She starts the children baking at a young age. "As soon as they can get their hands in it (the dough) and roll it with a rolling pin," she said.

They begin by making little snacks from little bits of dough with butter, sugar, and cinnamon on them. From that, they go on to measuring ingredients, helping cut up fruit, and making pie crust.

Where did Mary get the idea to start the kids baking when they're young?

Mary said, "My mother used to do this with us (Mary and her siblings) when we were young. We got the ends to make our own pie. It was a way for us to be involved. So I started doing it with our kids."

And what do the Howe family bakers bake? That depends on the season. According to Lisa, "In the summer time we bake strawberry shortcake. We also have a lot of fresh fruit in the summer. So we have fruit cobblers. In the fall we start baking bread, or pumpkin pies and pumpkin bread."

Looking out the kitchen picture window, past the yard, one sees the 10 apple trees the Howes tend. Apples are the only fruit they grow themselves. A neighbor supplies the rest. The turkeys and a very large vegetable garden take priority.

Lamar and Jonathan watch the goings-on from the kitchen counter opposite the picture window. Lamar doesn't help with the baking, but he can cook. His specialty? Cooked rice and beans.

"When he makes that, we're all glad," Mary said. Lisa nods her head in agreement.

The family has never entered any baking or cooking contests. But Mary admits to having thought about it. "The boys' (Jonathan's and Nathan's) winning entry," she said, "would be breakfast. They love making breakfast." Meaning a good country breakfast of eggs, potatoes, bacon, and sausage.

Meanwhile, little Laura makes herself comfortable among the bowls and pie pans on the kitchen table. The better to reach the flour and throw it into the air, you see.

Mary has a favorite cookbook. A cover-less, dog-eared, well-thumbed cookbook. It was a wedding gift. She also likes the *More With Less* cookbook.

Soon the pies and crisp are ready to go into the oven. The Howe kitchen has a double oven, to bake all those pies at one time. And in a short while, the aroma of fresh-baked goodies fills the kitchen.

The Howe "bakery" also makes bread and "pull" buns. Nathan, Jonathan, and Sara punch and knead the dough, then portion it into several bread pans for baking. Julia and Nathan make some of the dough into thin, flat strips, which they then rolled up into "pull" buns. Jonathan helps Laura make roly polies.

Nathan and Sara knead dough.

Sometimes Mary prepares some dough in the afternoon so it is ready for the evening's baking. While that dough becomes bread, Sara mixes another batch for baking the next day. Mary's recipe is basic whole wheat bread, with one added ingredient. "We found it works better if we put a little oatmeal in it," she said.

The eight-member Howe family eats a lot of bread. So, Mary said, "We make bread every couple of days; three or four loaves at a time."

Between raising turkeys, working the garden, tending the apple trees, and growing plants in their greenhouse, as well as 4-H, and church activities, Lamar and Mary's busy family still finds time to do all the necessary baking. And to continue a family tradition.

Homestead Notes

Jonathan helps Laura make roly polies.

Sara, Julia, and Laura busy at work.

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TANKS TANKS TANKS

Have You Heard?

By Doris Thomas
Lancaster Extension
Home Economist

Should You Be Cutting Down On Salt?

Next to sugar, salt is the next food additive. Salt contains sodium, an element required for health. However, like many things in life, too much sodium can be harmful. Excess sodium is one factor that has been linked to high blood pressure or hypertension. And hypertension can lead to stroke, heart attack, and kidney disease. You need to be particularly concerned about watching your sodium if you are black, over 65 or have a family history of hypertension.

Where does the sodium in our diet come from? While some estimates suggest that about one-third of the sodium Americans eat every day is added either in cooking or at the table, sodium sneaks into our mouths in other ways too. Sodium occurs naturally in food — it's in surprising things like milk and celery. And manufacturers use sodium in processing food. For example, there is sodium in baking powder, baking soda, and in monosodium glutamate (MSG).

A daily intake of 1100 to 3300 milligrams of sodium (or about one-half to one and one-half teaspoons) is considered safe and adequate for healthy adults. Yet the average American eats two to five teaspoons of salt each day. This provides 20 to 50 times as much sodium as the body needs.

How can you cut down on sodium intake? In cooking, there are several things you can do to reduce the sodium content of your meals. Not adding salt during cooking or at the table reduces sodium intake by about one-third for most people. However, most of the sodium consumed is from the salt in processed food. Processed foods that are especially high in sodium include cured meats such as ham, bacon, hot dogs and luncheon meats; canned, frozen and dried soups, pickles and frozen dinners; smoked or canned fish and shellfish.

When menu planning, try to balance the sodium content of the various parts of the meal or the whole day's menus. For example, if you have a high-sodium main dish, serve low-sodium side dishes. If you eat a high-sodium breakfast, plan a lower sodium lunch or dinner.

Start with moderate changes in sodium consumption. That way you can cut back on your taste for salt gradually. You were not born with a preference for salt, and it can be unlearned.

You may want to look for seasonings and sauces with less sodium, or use lemon juice, spices or herbs — such as onion or garlic powder (not onion or garlic salt), paprika, pepper, curry or dill — for flavor.

Dining out need not be a problem. Choose foods without sauces, or ask for sauce on the side so you can control the amount. In better restaurants, you can ask that no additional salt be added to your food in the kitchen. And, just as you would at home, balance the sodium content of your meal when ordering.

So whether you are shopping for food, preparing it at home, or eating out, there are choices you can make if you want to lower your sodium intake. In the long run, cutting down may add up to better health.

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Indiana County Wants Dairy Ambassadors

Dairy Maids for Indiana County are, from left, Amy Cribbs, Annah Neal, Erin Leach, Katie Stenman, Julie Luckhart, Amy Trimble, and Rebecca McNutt.

INDIANA (Indiana Co.) — This past year, seven dairy maids helped Dairy Princess Tammy Farmery and Alternate Tina Ruffner with many dairy promotions.

This year, Indiana County is looking for both males and females, between the ages of 12 to 15, to help the dairy princess with promotions.

If you or someone you know would be willing to be a dairy princess or dairy ambassador, please call Charlie Lockhart at (412) 397-2575 or Shirley Farmery at (412) 397-2291.

An introductory tea is scheduled for April 21 at Rocky Glenn in Home. The pageant date is June 11.

Spring Fling Day

CREAMERY (Montgomery Co.) — The Montgomery County Cooperative Extension Spring Fling Day is planned for Thursday, April 22. The day will begin at 9 a.m. and conclude by 1:30 p.m. Highlights of the day include a musical presentation by the Souderton High School Jazz Band under the direction of Bret Mascaro and speaker Anne Hendricks, an interior decorator who will discuss "Decorating for the 90's."

This luncheon meeting will be held at Family Heritage Restaurant, 508 Harleysville Pike, Franconia, PA. Tickets for the program cost $12 and advanced registration is necessary. Reservations may be made by calling (215) 489-4315.

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Dutch Country Auction Prepares Family Day

Ada Groff of the art committee displays some of the items to be auctioned at the 17th annual Dutch Country Benefit Auction on April 23 and 24.

MANHEIM (Lancaster Co.) — Come and join the activities that are guaranteed to have something for everyone at the Manheim Christian Day School (MCDS) 17th annual Dutch Country Benefit Auction on Friday, April 23, and Saturday, April 24.

Scheduled for Friday are a chicken barbeque dinner, 3:30 to 7:30 p.m. and the opportunity to preview the hundreds of auction items. All craft and baked good stands will be open. At 7:00 p.m. bedding plants, selected certificates, toy tractors, "My Home Towne" wooden miniature of MCDS building and miscellaneous items will be up for sale. The annual winross Truck Auction will begin at 8:00 p.m. and include trucks from Wenger Feeds, N.G. Hershey & Son & Manheim Auto Auction and a Winross Case that holds 52 trucks.

A Country Breakfast will be served Saturday morning from 6:00 to 10:00 with a choice of pancakes and sausage or egg omelet. At 9:00 a.m. Ned Foltz pottery, Manheim crocks, wooden clothes tree, oak cabinet with glass door, oval marble top table and other furniture, antiques and collectibles will begin to cross the auction block. Many local businesses have donated certificates for merchandise or services, and these will be sold at 11 a.m.

A fine collection of originals, limited and open edition and prints will grace new walls after this years Art Auction. Up for bid at 12:00 p.m. will be "Star Barn" by David Brumbach, "Country Ride" and "The Old Country Store" by P. Buckley Moss, "Reconniasence" by Ned Smith, Manheim "Town Clock and "Water Pump" by Dan F. Barthold and "Watt & Shand" by Lisa Madenspacher to name only a few.

Specials features this year include a "Brick Farmhouse" dollhouse by Benjamin E. Brubaker, 3-D handcrafted painting "Thrashing Scene" by Abner Zook, an autographed football by Manheim Barons 1992 District 3 Champs, "Midway One-Room Schoolhouse 1952" by Linn Longenecker and a 20-25-foot pin oak tree and will be sold at 12:30 p.m.

Those with the highest bid will become owners of the 40 quilts to be offered at 1:00 p.m. A special feature quilt "Trip Around The World" is multi-colored and pieced by Lizzie Longenecker, age 104. Lizzie is a quest at the Mt. Hope Home and this is the last of her work that her vision has allowed her to create.

All day food and more food is available from BBQ pork sandwiches and salad bar to fresh strawberry pies and soft ice cream.

Plan to spend the day at the school, one mile north of Manheim along Route 72. Call the school office at (717) 665-4300 for more information.

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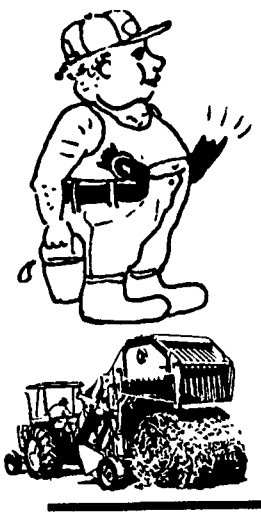

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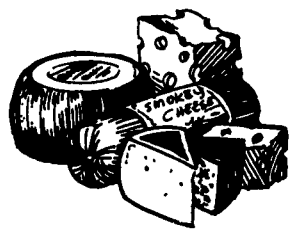
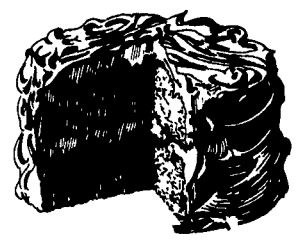


Home On The Range



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Whether or not you're an egg lover, you're sure to love these recipes that scramble so much nutrition into your menu.

PUFFY CHEESE SLICES

5 slices bread
2 cups shredded cheddar or mozzarella cheese
1 egg, slightly beaten
¼ teaspoon dry mustard
¼ teapsoon salt

Set oven to broil or 550 degrees. Broil bread 5 inches from heat until golden brown on one side, turn. Blend cheese, egg, mustard, and salt; spread over untoasted sides of bread. Broil until cheese bubbles. Makes 5 open faced sandwiches.

April Walker
Mercer Co. Dairy Princess

BAKED CUSTARD
Low Sugar

2 egg yolks
4 egg whites
⅓ cup sugar
¼ teaspoon salt
3 cups skim milk, heated until very warm
½ teaspoon vanilla
Nutmeg

Beat together eggs, sugar, and salt until well blended. Gradually stir in hot milk. Blend in vanilla. Pour into six custard cups or 1½ -quart casserole. Sprinkle with nutmeg. Set custard cups or casserole in large baking pan, then put pan on rack in oven. Pour very hot water into pan to within ½ -inch of top of custard.

Bake in preheated 350 degree oven until a knife inserted near center comes out clean, 25 to 30 minutes for custard cups or 35 to 40 minutes for casserole. Remove immediately from hot water. Serve warm or chilled.

LEMON MERINGUE PIE

2 cups sugar, divided
⅓ cup cornstarch
¼ teaspoon salt
1½ cups cold water
1 to 3 teaspoons grated lemon peel
½ cup lemon juice
5 eggs, separated
2 tablespoons butter
1 9-inch baked pie shell
¼ teaspoon cream of tartar
½ teaspoon vanilla

In large saucepan, stir together 1½ cups sugar, cornstarch, and salt. Stir in water, lemon juice and egg yolks until smooth. Add butter. Cook over medium heat, stirring constantly, until mixture thickens and boils. Boil, stirring constantly, 1 minute. Remove from heat. Stir in lemon peel. Pour hot filling into pie shell.

In large mixing bowl, beat egg whites with cream of tartar at high speed until foamy. Add remaining ½ cup sugar, 1 tablespoon at a time, beating constantly until sugar is dissolved and whites are glossy and stand in soft peaks. Beat in vanilla. Spread meringue over hot filling, starting with small amounts at edges and sealing to crust all around. Cover pie with remaining meringue, spreading evenly in attractive swirls. Bake in preheated 350 degree oven until peaks are lightly browned, about 12 to 15 minutes. Cool at room temperature.

POUND CAKE

2¾ cups sugar
1¼ cups butter, softened
5 eggs
1 teaspoon vanilla
3 cups flour
1 teaspoon baking powder
¼ teaspoon salt
1 cup evaporated milk

Heat oven to 350 degrees. Grease and flour tube pan or 12-cup bundt cake pan. Beat sugar, butter, eggs, and vanilla in a large mixer bowl on a low speed, scraping bowl occasionally, for 5 minutes. Beat in flour, baking powder and salt, alternately with milk. Pour into pan. Bake until wooden pick inserted in center comes out clean, 70 to 80 minutes. Cool for 20 minutes and remove from pan.

April Walker
Mercer Co. Dairy Princess

Eggs provide ideas and nutrition for many "eggciting" recipes.

RED BEET EGGS

1 can red beets
½ cup sugar
½ cup vinegar
Salt, to taste
6 to 8 hard-boiled eggs

Boil together red beet juice, sugar, vinegar, and salt. Pour mixture over red beets and hard-boiled eggs. Store in refrigerator until ready to use. Stir occasionally to make sure eggs are completely colored.

Jean Kline
Lancaster

ANGEL FOOD CAKE

12 egg whites
1½ teaspoons cream of tartar
1½ cups sugar, divided
1½ teaspoons vanilla
½ teaspoon almond extract
1 cup sifted cake flour
¼ teaspoon salt
Fruit or frosting, optional

In large mixing bowl, beat egg whites with cream of tartar at high speed until foamy. Add ¾ cup sugar, 2 tablespoons at a time, beating constantly until sugar is dissolved and whites are glossy and stand in soft peaks. Beat in flavorings.

Sift together flour, remaining sugar and salt. Sift about ½ cup flour mixture over whites and gently fold just until flour disappears. Repeat, folding in remaining flour mixture, ½ cup at a time. Pour into ungreased 10x4-inch tube pan. Gently cut through batter with metal spatula.

Bake in preheated 375 degree oven until top springs back when lightly touched with finger, about 30 to 40 minutes. Invert cake in pan on funnel or bottle neck. Cool completely, about 1½ hours. With narrow spatula or knife, loosen cake from pan and gently shake onto serving pan. Top with fruit or frost if desired.

Chocolate variation: Omit almond extract and increase vanilla to 2 teaspoons. Reduce flour to ⅔ cup and sift in ⅓ cup unsweetened cocoa. Prepare batter and bake as above.

MAKE-AHEAD FRENCH TOAST

12 eggs
½ cup milk
12 slices bread
Butter

In medium bowl, beat together eggs and milk until well blended. Pour half of the egg mixture into 13x9x2-inch baking pan. Place 6 of the bread slices in the egg mixture. Turn slices and let stand until egg mixture is absorbed. Place on heavily buttered baking sheet. Repeat with remaining egg mixture and bread slices.

Bake in preheated 500 degree oven for 6 minutes. Turn slices. Spread with butter, if desired. Continue baking until golden brown, about 3 to 4 minutes. Serve immediately or freeze for later use. To serve frozen toast: Reheat single servings in toaster or place unwrapped slices on ungreased baking sheets and bake in preheated 375 degree oven until hot, about 8 to 10 minutes.

EGG DROP SOUP

5 cups chicken stock
1 tablespoons cornstarch
½ teaspoon soy sauce
3 tablespoons chicken stock
½ teaspoon salt
2 eggs
1 scallion, minced
1 teaspoon Chinese parsley, minced, optional

Heat chicken stock to a simmer; mix cornstarch and soy sauce in 3 tablespoons cold chicken stock. Add salt, pour into simmering stock and stir until thick and clear. Set aside until ready to serve; reheat to a simmer. Break eggs into a small pitcher, mix slightly and pour in a thin, slow stream into soup. Turn off heat, stir once. Divide scallion and parsley among soup plates and ladle into the soup. Serve at once.

Judy Stayman
Chambersburg

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

April
24- Basic Mix Recipes

May
1- High-Calcium Recipes
8- Mother's Cooking
15- Your Favorite Recipe

Featured Recipe

Eggs play a role in enticing menu items served around-the-clock. Eggs are one of the foods that have appeal across all age groups, including both older and younger diners. Let your imagination soar with some inventive egg ideas.

If you would like egg recipes for brunch, send your name and address with a self-addressed, stamped envelope to American Egg Board/Foodservice Department, 1460 Renaissance Drive, Park Ridge, IL 60068.

Here is a recipe from the Brunch brochure.

OVERNIGHT FRENCH TOAST

6 cups 1-inch cubes day-old French or Italian bread
6 eggs
1½ cups milk
1 tablespoon firmly packed brown sugar
1 tablespoon vanilla
2 teaspoons cinnamon
½ teaspoon salt
Confectioners' sugar and maple syrup, optional

Place bread cubes in greased 13x9x2-inch baking dish.

In medium bowl, beat together remaining ingredients until well blended. Pour over bread and lightly toss until bread is evenly coated.

Cover and refrigerate several hours or overnight. Bake in preheated 350 degree oven until golden brown, about 50 minutes. Serve warm with confectioners' sugar and maple syrup, if desired.

A variety of herbs and geraniums will be sold during the 13th annual Herb and Geranium Sale sponsored by the Susquehanna Unit of the Herb Society of America.

Herb And Geranium Sale

LANCASTER (Lancaster Co.) — The 13th Annual Herb and Geranium Sale, sponsored by the Susquehanna Unit of the Herb Society of America, will be held on Saturday, May 1, between the hours of 9 a.m. and 1 p.m., rain or shine, at the Farm and Home Center, 1383 Arcadia Road, Lancaster.

A wide variety of herb plants will be offered for sale — those for culinary, fragrance, dye, wreath making, insect repellent, and for tea usage. There will also be available speciality potted herbs from the gardens of members.

The Susquehanna Unit members are quite knowledgeable and eager to assist patrons in their selection of plants, as well as suggesting planting and growing tips and uses of the herbs. One member, who specializes in raising scented geraniums, will be available to discuss the care and treatment of this plant. Garden leaf donkeys will be for sale as well as herb and herb cookery books. Each year the Susquehanna Unit members produce an herb cook booklet and this year's booklet will feature mushroom cooking with herbs.

To help both the novice gardener, as well as the experienced gardener, all herb plants are identified by tag of their botanical and common names, their growth habit, their use, and planting instructions. It is suggested that patrons arrive early (9 a.m.) for the best plant selection. And complying with recyling measures, it is suggested that patrons bring their own baskets in which to carry their purchased plants.

Standard geraniums will be available for purchase in colors of red, pink, salmon, and white. These geraniums can also be preordered by calling June Louise Evans (717) 393-3288. Proceeds from this sale help support the Herb Garden at the National Arboretum in Washington, D.C., the Scholarship Fund of the Herb Society for research, and, locally, the herb garden at the restored 18th century home of General Edward Hand "Rock Ford."

Breakfast For Your Child?

CREAMERY (Montgomery Co.) — A good breakfast does make a difference in the classroom and in the gym! A recent Swedish research project confirmed what teachers and health professionals have been saying for many years. "Breakfast is important, it enhances a child's physical and creative ability."

Now the question arises "Who should provide breakfast for these children?"

Most people say that's easy — the parents should be responsible for a child's breakfast. But for various reasons parents are not providing this service for their children. An informal poll conducted by Annette Goodling, Montgomery County Cooperative Extension, of junior high school students revealed that only five out of 10 ate anything before coming to school. Of those eating, only 2 of the 5 ate an adequate breakfast consisting of a fruit, a dairy product and a grain product such as toast or cereal. Some of the reasons given for not eating breakfast: didn't have time, weren't hungry, nobody there to remind them or to insist they eat. None of the students listed, lack of food available, as a reason.

Given the research results that breakfast is important and students aren't eating it, what is a possible solution? The school could add breakfast to its already growing list of services they provide. Some school districts are already serving breakfast to targeted students (low-income families). Often students who qualify for the service don't participate because it labels them as different and adversely affects their self esteem. The American School Food Service Association (ASFSA) has proposed that all school age children be provided breakfast and lunch free of charge.

In an effort to ensure that all American children are receiving nourishment during the school day the ASFSA is advocating the Universal School Lunch which would entitle all school children to a breakfast and a lunch without charge at point of service. The benefits of this program include preparing children for learning, eliminating the welfare stigma associated with proving eligibility for reduced or free lunch and enhancing the nutritional status of children.

The program is currently being tested in four school districts across the nation.

Preliminary reports suggest that teachers, administrators, parents and, most importantly, the students, are enthusiastic and supportive of the program.

How do you feel about the Universal School Lunch program? Will it be a benefit for your family or will it interrupt your morning routine? Are you willing to help fund this new venture? Should tax dollars be used to ensure that our children are receiving nourishing food during their school day? You can make your wishes known by contacting your congressional representatives. You can also let your school directors know your wishes. Your best bet — get involved with your local school through PTA and volunteer committees.

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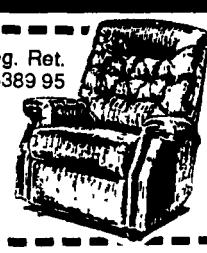

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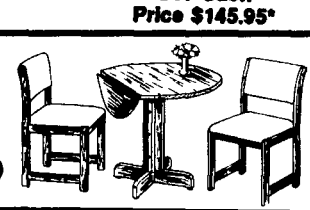

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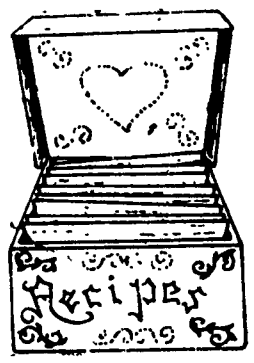

Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Lou Ann Good, Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Marion Steger, Groton, N.Y., would like the recipes for Aunt Effie's Hillsborough Moist Apple Nut Layer Cake with butterscotch frosting and the Turn-Of-The Century Cake. If we do not receive an answer to this request within two weeks, we will drop it.

QUESTION — Ginny Eaton, Ontario, N.Y., would like a recipe for Reuben Dip, which is used with pumpernickel bread.

QUESTION — Mae Pugh would like a recipe for chicken rice soup like that served at Ponderosa.

QUESTION — Mrs. Kenneth Ulmer, Waymart, wants a recipe to can a mixture of mushrooms, onions, green peppers, and oil in pint jars.

QUESTION — R. Smith, Jonestown, heard about hunter green pumpkins, not squash or gourds, sold at a roadside market in Lancaster County and would like to know where to buy the seeds.

QUESTION — Mary Lehman, Mifflintown, would like a brownie recipe that uses mashed potatoes.

QUESTION — This is not a cooking question, but Mrs. Wilmer Moyer, Bechtelsville, would like to know how to make fireplace starters made from sawdust or wood shavings?

QUESTION — Mark Kopp, Tower City, would like to know what happened to sauerkraut. She said today it is shredded cabbage rather than the kraut she remembers.

QUESTION — May Ozinek, Flemington, N.J., wrote that on a recent trip to Florida, she and her husband ate at Shoney's the whole way down and back. At the breakfast buffet, Shoney's serves a delicious sheet cake that is spicy and filled with raisins and chunks of apples. The cake has a crumb topping and is very moist. Does anyone have a recipe?

QUESTION — Gloria Fready, Mount Joy, would like to know how to make French fried sweet potatoes. She tried making them, but they tasted soggy.

QUESTION — Evelyn Reinfeld, Halifax, would like recipes using buckwheat flour without yeast.

QUESTION — Patricia Corkell, Henderson, Md., would like a recipe for pickled garlic.

QUESTION — Diane Cruzan, Bridgeton, N.J., wants a recipe for macaroni pizza.

QUESTION — A faithful reader would like a recipe for non-edible gingerbread men to use in herbal wreaths and swags.

QUESTION — F.T.C. would like a recipe for raisin pie with lots of "goo," with a custard base made with milk.

QUESTION — Patricia Davis, Dillsburg, would like a recipe for shoo fly pie that tastes like those made by Zinn's Diner or Wixon's Bakery.

QUESTION — Patricia Davis, Dillsburg, would like a recipe for hard sugar cookies like those made by Archway.

QUESTION — Patricia Davis, Dillsburg, wants to know where to buy pasteurized egg whites

QUESTION — Alverna Martin, Wellsboro, would like a recipe for mock pecan pie made with dried beans.

QUESTION — J. Waring Stinchcomb, Suitland, Md., wanted a recipe for making barbecue with beef and with pork.

QUESTION — A reader from Potter County would like a recipe for fudge made out of goat's milk

QUESTION — Pauline Sensenig would like to know where she may purchase Washington's Golden Seasonings and Broth.

QUESTION — Mary Snyder, Manheim, writes that she planted hot Senano peppers by mistake. She froze them but has not used them. She would like recipes using this type of pepper, which could perhaps be used for gift jars of sauces, relishes, etc.

QUESTION — Roland Kamoda, R.D.1, Box 282 Monongahela, PA 15063, would like names of favorite cookbooks and where to purchase them. Write directly to him with your suggestions because we do not have room to publish the information.

QUESTION — Karen Yourga is looking for a recipe to can strawberries in a glaze that can be poured right from the jar onto a cake. She has tried several recipes that bleed and turn pink She would like one with a dark red color in which the strawberries are not mushy

QUESTION — Edith Vuxta, Elizabethtown, would like a recipe for red velvet whoopie pies.

QUESTION — Sue Pardo, Jarrettsville, Md , would like recipes to use in a bread machine.

QUESTION — Barb Hicks, Hawaii, would like a recipe for homemade beef jerky, the spicier, the better.

QUESTION — Sherry Craner, Bridgeton, N.J., would like a recipe for chocolate pasta, made with wheat flour. It is used for a dessert topped with sauteed strawberries and white chocolate.

QUESTION — Cissy McKeon, Birdsboro, would like a recipe for hand-dipped chocolate-covered strawberries such as those sold at Kaufman's in Pittsburgh. Cissy writes that it appears as if a layer of cream is between the strawberry and the chocolate.

QUESTION — Lisa Kerrigan, Bath, would like a recipe for Kosher Dill pickles that taste like the Claussen pickles that are stored in the refrigerator.

ANSWER — Tina Forry, Quentin, wanted recipes using ground turkey. Thanks to N. Leifeste, Colts Neck, N.J., and Janet Erb, Manheim, for sending recipes.

SKILLET STEW

1 pound ground turkey
3 medium potatoes
3 large carrots
3 celery stalks
1 medium onion
1 green pepper
1 can tomatoes
7-ounce can corn
Salt and pepper
Oregano, to taste

In the largest skillet or electric skillet, brown turkey and onions. Peel potatoes and carrots and cut into chunks. Layer on top of ground turkey; add 1 to 2 teaspoons water. Steam over medium heat while preparing other vegetables. Add remaining ingredients; bring to a boil. Reduce heat and simmer, covered, until potatoes are done. While stew is simmering, add salt, pepper, and oregano, to taste. Stir occasionally. Serves 6. May omit potatoes and serve over rice.

TURKEY LASAGNA

8-ounces lasagna noodles
2 tablespoons vegetable oil
⅔ cup onion, chopped
1 pound ground turkey
½ teaspoon salt
⅛ teaspoon pepper
1½ teaspoon garlic powder
14 ounces tomato sauce
¼ cup green pepper, chopped
¼ cup Parmesan cheese, grated
½ teapsoon oregano
2 cups tomato juice
¾ cup cottage cheese
¾ cup white cheddar cheese, grated

Cook noodles as directed on package. Saute onion in oil. Add turkey, salt, pepper, and ½ teaspoon garlic powder and tomato juice. Cover and simmer 20 minutes. Place one-third cooked noodles in bottom of oiled casserole. Cover with half of turkey sauce. Place second layer of noodles over sauce. Spread with cottage cheese. Cover with remaining noodles and turkey sauce. Top with cheddar cheese. Bake at 350 degrees for 30 to 40 minutes or until bubbling hot. Yields 6 servings.

ANSWER — Lelia Semrau, Millerstown, would like an easy recipe for both rye and Italian breads. Thanks to Janet Erb, Manheim, for sending a recipe.

Richard's Best Bread

2 cups skim milk, scalded
⅓ cup vegetable oil
⅓ cup sweetener (honey, sugar, brown sugar, molasses, corn syrup)
2 teaspoons salt, optional
½ cup warm water
2 scant tablespoons dry yeast
½ teaspoon sugar
2 beaten eggs
1 cup rolled oats
½ cup unprocessed bran flakes
3 cups whole grain flour (whole wheat, rye or buckwheat)
3 cups unbleached flour
Flavorings to taste (oregano, basil, thyme, sesame seeds, caraway seeds, anise seeds, poppy, fennel, raisins)

Combine hot milk, oil, sweetener, and salt. Place in small bowl: warm water, yeast, ½ teapsoon sugar. When yeast is bubbly, cool milk and combine the two. Add beaten eggs. Add oats, bran flakes and mix. Add whole grain flour and some white flour as needed. Turn dough on board and knead 6-8 minutes. Put dough in greased bowl, turning. Cover bowl with plastic wrap to rise until double, about 1½ hours. Punch down, divide into 3 parts. Knead into each desired flavoring. Place loaves in greased bread pans. Cover pans, set in warm place to rise until doubled, about 1½ to 2 hours. Brush tops of loaves with melted butter and sprinkle with cinnamon or nutmeg, if desired. Preheat oven to 350 degrees. Place in oven and turn down to 325 degrees Bake 35 to 40 minutes until hollow sounding when tapped on bottom.

(Turn to Page B24)

Eggs

(Continued from Page B6)

HIDDEN EGGS

Melt 4 tablespoons butter in pie pan. Save half for top. Break up bread to cover bottom of pan. Drop 6 to 7 eggs on bread, add salt and pepper. Break up another piece of bread on top of eggs. Drizzle with butter and dot with cheese. Bake 15 to 20 minutes until eggs are done.

Karen Good
Myerstown

COTTAGE CHEESE PANCAKES

6 eggs
1 cup low-fat cottage cheese
½ cup all-purpose flour
2 tablespoons cooking oil
¾ teaspoon baking powder
½ teaspoon salt
½ teaspoon vanilla

Place all ingredients in blender container or large mixing bowl. Cover and blend on high speed 1 minute or beat with electric mixer or rotary beater until well blended For each pancake, pour ¼ cup batter onto hot, lightly greased skillet or griddle. Cook on both sides until golden brown. Fill and fold or top as desired.

CROCK-POT MACARONI CASSEROLE

2 cups uncooked macaroni
2 cans cream of mushroom soup
2 (3 ounce) packages dried beef
1½ cups cubed cheddar cheese
1 tablespoon butter
4 hard-cooked eggs - diced
½ cup chopped onion
3 cups milk

Put everything in crock-pot and stir. Cook on low 5-7 hrs. or 3 hrs. on high. Stir in middle of cooking process.

* Can also be done in regular oven. Mix all ingredients & pour in greased casserole. Let stand several hours or overnite in refrigerator. Bake 350 for 1 hour, uncovered.

Mary L. Martin
Greencastle, Pa.

HERBED DEVILED EGGS

6 hard cooked eggs
3 tablespoons dry curd cottage cheese
2 tablespoons low fat plain yogurt
1 tablespoon finely chopped onion
1 teaspoon prepared mustard (preferably Dijon-style)
½ teaspoon dried parsley
¼ teaspoon dill weed
¼ teaspoon garlic powder
Dash hot pepper sauce

Cut eggs in half. Put half of yolks in small bowl; reserve remaining yolks to another use or discard. With fork mash yolks together with cottage cheese and yogurt. Stir in remaining ingredients. Season with salt and pepper, if desired. Fill egg halves. Chill before serving.

CRUSTLESS CARROT QUICHE

Non-stick spray
2 cups finely shredded carrots
3 whole eggs and 6 egg whites, beaten
1¼ cups skim milk
1 tablespoon minced dried onion
½ teaspoon garlic powder
¼ teaspoon salt
¼ teaspoon ground ginger
¼ teaspoon pepper
½ cup shredded Cheddar cheese

Preheat oven to 350 degrees. Spray 9-inch pie plate with non-stick spray. Cook carrots in water about 5 minutes, drain well. Beat together eggs, milk, onions, garlic powder, salt, ginger, and pepper; stir in carrots and cheese. Pour into pan. Bake at 350 degrees for 30 to 35 minutes or until knife inserted near center comes out clean.

Changes, Challenges, Choices To Be Featured

LEESPORT (Berks Co.) — Changes, Challenges & Choices For Families is the theme of a spring program sponsored by the Pennsylvania State University Cooperative Extension of Berks County.

The sessions will be conducted Tuesday, May 4, from 9:00 a.m. to 2:45 p.m. in the Berks County 4-H Community Center, Bern Township.

Highlights of the program will include speakers on topics of current concern:

• **The State of Child Abuse and Neglect in Berks County** — by George M. Kovarie, MSW, LSW, Executive Director of Berks County Children & Youth Services. A frank discussion of how your county public child welfare agency responds to allegations of child abuse, neglect and placement of children in substitute care.

• **Add More "SCENTS" to Your Life** — by Patrice Dyer, Manager, Village Herb Shop, Blue Ball. Ms. Dyer will share tips on herb plant selection and care, garden preparation and creative uses of herbs in your home. Cindy Bishop, owner of Aromatic Essentials, Elizabethtown will discuss her speciality of historical and international cooking with herbs as well as aromatic oils and how the fragrance affects your moods.

• **1993 - "The Age of AIDS"** — Kate Royston, Education Director, Berks Aid Network and Pat Childs, Volunteer Coordinator, Rainbow Home, will discuss understanding the scope and services of AIDS in Berks County.

"Laughter:" The Secret Ingredient — by Dr. Julia Cummings. *Back by popular demand!* On her last visit Julia captured the audience from her opening lines and kept them laughing throughout her talk; while at the same time weaving in her challenging message. Julia holds a Ph.D. degree in Speech Communication from Temple University and is the author of the book, "Speak For Yourself." As a voice and speech consultant, she has helped many people learn how to communicate better. Julia believes firmly that laughter produces an increase in well-being—by releasing tensions, by opening the heart and mind, by enabling us to cope with the unexpected and by uniting us with the basic sources of life and vitality. A unique and rewarding presentation that is both a challenging statement and a delightful demonstration of laughter as the secret ingredient to health and success.

Cost of the program and buffet luncheon is $7 and can be made by sending your reservation to Cathy Wegener, PO Box 275, New Berlinville, PA 19545.

Cost of the afternoon program (NO LUNCH) starts at 1:15 p.m. and features Dr. Julia Cummings is $5. Send reservations for afternoon session to Elaine Mauchline, RR 2, Box 15, Morgantown, PA 19543.

Reservations (on a first-come, first-served basis) are required by Tuesday, April 27. Make check payable to Berks County Homemaker's Fund and send to appropriate person. Please include a self-addressed, stamped envelope for your ticket return.

Further information is available by contacting Fay B. Strickler at the Berks County Agricultural Center (215) 378-1327.

Cookies And Milk Campaign

SYRACUSE, N.Y. — The American Dairy Association and Dairy Council, Inc. (ADADC) endorses Nabisco's free milk offer during the month of March. This is the 17th year Nabisco has offered consumers a free half gallon of milk with the purchase of two packages of Oreo Cookies and/or Honey Maid Graham Crackers.

A coupon good for a half gallon of milk (up to $1.50) was offered in the Free Standing Insert (FSI) of the March 7, Sunday newspaper. Consumers who missed the FSI coupon can get in on the free milk offer by picking up a mail-in offer form at the dairy case or at special Nabisco displays.

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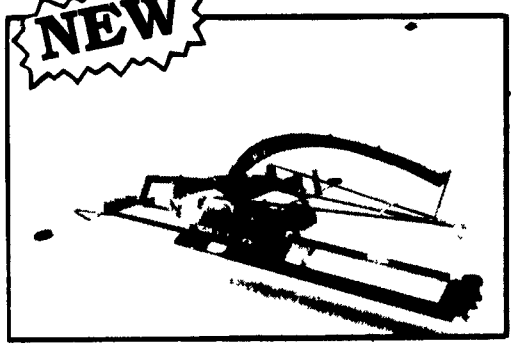

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- 1/4-inch-thick auger flighting
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- 4 cupped, cast-iron, swinging paddles with 1" stainless steel pins.
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- Self-aligning auger bearings mounted outside Flanged auger tubes for easy removal.
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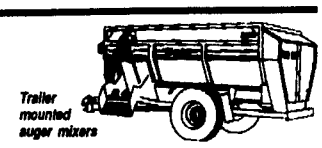
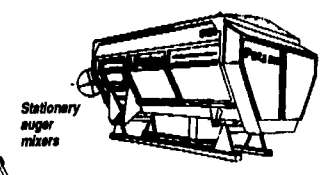


Trailer mounted auger mixers



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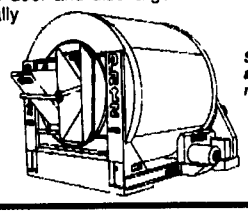

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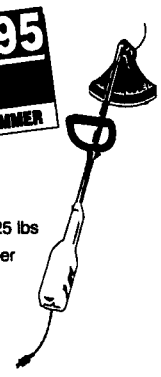

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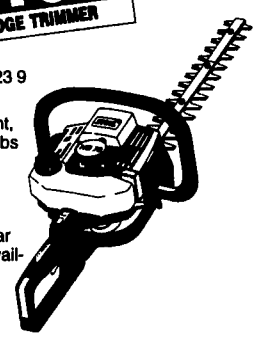

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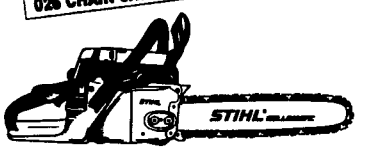

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$3 9
$10 3
$35 2
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$21 7
$103.2
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$310.8 billion
($1 218 57 per capita)
1950
$27.2 billion
($179 03 per capita)
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$200
$150
$100
$50
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Globe Trotting U.S. Dollars: 60 Percent Leaves Country

Joy Aschenbach
National Geographic
News Service

WASHINGTON, D.C. — Most U.S. dollars don't stay home.

Since at least the mid-1980s, more than half of the money in circulation has been traveling overseas.

"We estimate that roughly 60 percent is now out of the country. But there's no way to track it," says Joseph R. Coyne of the Federal Reserve System, the central bank of the U.S. government. As of mid-February, a total of $296.5 billion in paper currency was in circulation. Demand determines the amount.

The U.S. money factory — the Treasury Department's Bureau of Engraving and Printing — operates 24 hours a day and makes more paper currency than any other facility in the world.

At any one moment, $200 million in new bills are in some stage of the 65-step production process that includes engraving, printing, curing, serial-numbering, guillotine-cutting, inspecting, banding and shrink-wrapping.

"A slow and steady increase in the flow of dollars abroad is not a matter of concern to the United States, but sudden changes would be," says Nobel laureate Paul Samuelson of the Massachusetts Institute of Technology.

Bills and coins account for about 8 percent of the U.S. money supply. The rest is held in bank accounts, including checkbook money in the United States. The total is about $3.5 trillion.

"Despite the weakness or strength of the dollar, its fluctuations against the Japanese yen and German mark, it's still the international standard worldwide," Coyne says. "There's no nation where it's not exchangeable."

High-inflation South American countries such as Argentina and Bolivia are frequently hungry for dollars. So are people in the financially unstable countries of Eastern Europe and the former Soviet Union.

About $8 billion to $16 billion in cash is estimated to be in Russian hands, says one expert. To help protect the ruble, the Central Bank of Russia recently announced plans to limit goods and services that may sell for hard currency. But an attempt last June to restrict the dollar's use in the Russian republic failed.

Most world trade is priced in dollars. Dollars are the currency of choice for international drug and arms deals, money-laundering networks and black-market transactions.

In two countries, Panama and Liberia, the dollar is the legal currency and can be used in any store or market. The dollar functions almost as a "second currency" in Canada. An American tourist convenience, the dollar is accepted nearly everywhere in Canada and preferred by many Canadians.

Dollars may end up in the pockets of Israeli taxi drivers in Tel Aviv, Russian street vendors in Moscow and Colombian drug lords operating through Panama. Hundreds of thousands of dollars in cash pour through Panama.

"The greenback is easy to use, easy to hide and to save for unforeseen contingencies," economist Richard N. Cooper of Harvard University tells National Geographic.

When Cooper participated in a pontifical conference on peace and justice in Rome this January, the Vatican reimbursed him for travel expenses in cash — all $100 bills.

The demand for new dollars has climbed steadily since World War II. The prevailing view of financial experts then was that making the dollar the world's key currency would be advantageous to the United States.

In fiscal 1992, more than 8.4 billion bills were printed in six denominations: $1, $5, $10, $20, $50, $100. Their face value was $103.2 billion.

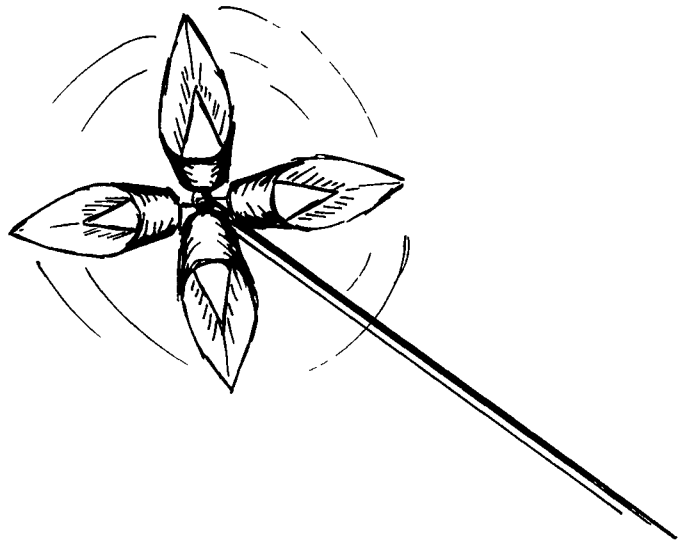
To expand production capacity, paper currency is being printed outside Washington for the first time. The Bureau of Engraving and Printing opened a $125 million plant in Fort Worth, Texas, in 1992. It prints only two high-demand denominations: ones and fives. When fully equipped in 1994, the Fort Worth facility is expected to produce 40 percent of new U.S. money.

Most paper money — it's actually 75 percent cotton, 25 percent linen — will still be made on 14 presses at bureau headquarters in the nation's capital. All but about 5 percent of new currency replaces worn-out money.

Nearly half the new notes are $1 bills, which last an average of only 18 months before they wear out and are ultimately destroyed by a Federal Reserve currency shredder. The $100 bills have the longest life, about nine years. The higher denominations tend to travel overseas.

Banks in Switzerland are retained by many foreign governments and corporations to handle cash receipts such as U.S. dollars.

Effects Of Air In Motion



RUTGERS, N.J. — "A cow with its tail to the west makes the weather best. A cow with its tail to the east makes weather a beast." What do you think this means? Animals graze with their tails to the wind. It's a habit that lets them scent an enemy coming from behind. What does it mean when the leaves show their backs? Usually, leaves are kept right side up in a fair west wind. Before a storm, as the wind increases, they are flipped over.

The effects of air in motion (wind) are well known. Wind makes waves and distributes seeds from one area to another.

In North America, the wind generally blows from the west. Old timers thought that a west wind was a sign of good weather; an east wind would bring rain. They also thought that "a wind from the south has rain in her mouth." A northeast wind in winter was supposed to bring snow.

You can enjoy the wind by making your own pinwheels and wind vanes.

To make a pinwheel, cut a piece of construction paper into an 8-inch square. Find the center of the paper by drawing a line from one corner to the other to make an "X." Cut from each corner into the middle, stopping two inches from the center. Fold in every other corner to the center of the square and fasten them with a straight pin. Put the pin through a ½ -inch piece of drinking straw and then pin the pinwheel to the eraser end of a pencil.

Weather vanes and wind socks, home made or purchased, are other fun ways to learn about wind. For further information, contact your county 4-H office or local library.

"Detective T. Rash"

Have you ever wanted to be a detective and solve a mystery? Here is your chance. Get your pad and magnifying glass ready.

The Mystery - What is being thrown away in your home?

To solve the Mystery, you need a few ideas of what you will be looking for. In the space below called "Detective thoughts," list some of the things you think get thrown away in your house. After you have checked out all the scenes of the crime, fill in the "facts" list with the items you found.

GOOD LUCK!

Detective thoughts. . (*What do you think is thrown away?*)	*The facts. . .* (*What did you find in the trash?*)
1) _____	1) _____
2) _____	2) _____
3) _____	3) _____
4) _____	4) _____
5) _____	5) _____
6) _____	6) _____

Were any of the same items on both lists? Congratulations, you've done a great job in solving your household trash mystery! Now you know what gets thrown away in your home. But just putting something in the trash does not make it go away.

Ida's Notebook

Ida Risser

We will surely have a late garden this year. The Conestoga River overflowed it's banks several times this spring. Our biggest garden has a southern slope but even so it was too wet to rototill when we usually do it.

. In order to keep myself busy, I went through an old diary page by page and copied items of interest to each child. When I was finished, I had eight pages of very tiny writing for the children. I've always felt that we have well-behaved young ones but the six- and nine-year-olds did do some mischevious things.

One day these two boys started a fire with sticks in our front yard. Another time they got in the pen with the calves and roped them and tied their legs together. Their clothes were so covered with manure that I gave each of them a bucket of water and ordered them to wash their own jeans. The youngest boy even had a bloody head from falling against a stone wall in the barn and he did not even know it.

Sometimes they ran through the fields and lost their rubbers. One day, in order to show-off for company, the oldest wearing his good clothes, rode a pig. They wrestled continually and almost drove me crazy as we had three other children at that time.

But, they did a lot of work for their father. They brought the cows from the meadow and tied them. They helped to bale hay and unload it too. One day when they fed the cows, 150 bales tumbled from the pile. With their sisters help, the yard got mowed also.

In the summer they went boating up stream to the Cocalico Creek and they went fishing and caught fish. In the winter they ice skated on our ponds in the meadow and saw big goldfish under the ice. A big hill in another meadow was used for sledding.

Now they are grown men with a lot of responsibilities.

Become Master Food Preserver

SCRANTON (Lackawanna Co.) — Would you like to develop expertise in food preservation and share your knowledge with others? The Penn State Cooperative Extension is launching a Master Food Preserver Program in selected counties this year to provide interested persons with in-depth instruction in food preservation.

This course involves 20 hours of training and covers boiling water and pressure canning, the making of jams and jellies, pickling and fermenting food, and freezing. Taught in part by Luzerne County Extension agent Mary Ehret, the course includes lectures, demonstrations, first-hand experiences, and group discussions.

Each participant will receive food preservation resource materials and must pass accreditation exams before being certified as a Master Food Preserver.

Graduates are asked to volunteer 30 hours this summer and fall promoting safe food preservation practices in their communities. This commitment can be fulfilled by answering telephone questions, helping beginning canners, and providing information at farmer's markets, fairs, and shopping centers.

This course will be taught May 3 through May 6. Participants must apply by April 21. For more information and an application form, contact Kristen Corselius in the Lackawanna County Extension Office at 963-6842.

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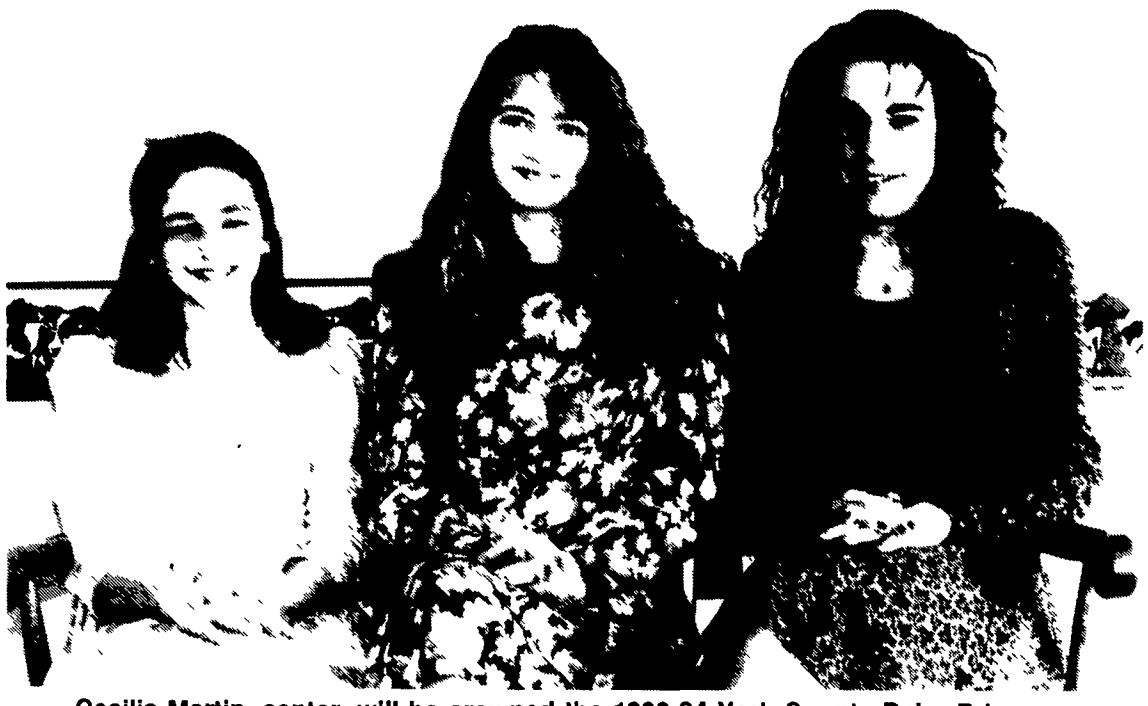

Cecilia Martin, center, will be crowned the 1993-94 York County Dairy Princess. Dairy Maid participants are Tanya Thoman, left, and Kelly Myers, right.

Taking part in the Dairy Miss portion of the York pageant are, from left, Raechel Kilgore, Erin Marks and Lisa Jones.

York Dairy Princess Pageant Planned

JOYCE BUPP,
York Co. Correspondent

YORK (York Co.) — Cecilia Ann Martin will be crowned the 1993-94 York County Dairy Princess during pageant ceremonies scheduled at 8 p.m. Saturday, April 24, at the York 4-H Center.

A 16-year-old sophomore at Spring Grove Area High School, Cecilia is the daughter of James and Rosene Martin, Spring Grove R3. She owns one animal in the Martin's 90-cow dairy operation and is employed on the family farm.

Cecilia plans to attend Bridgewater or Eastern Mennonite College following graduation to pursue a degree in elementary education. She is active in school musical programs, with her church youth group, and enjoys working with rodeo horses.

Along with the coronation of a new princess, five young ladies from the county's dairy industry will compete for Dairy Maid and Dairy Miss titles.

Dairy Maid contestants are between ages 13 to 16 and assist the Dairy Princess with county promotional appearances. Entrants in the Dairy Miss contest are Kelly Myers and Tanya Thoman.

Kelly, 16, is the daughter of Carolyn and Morrell Myers, Thomasville R2. She is a sophomore at Spring Grove Area High School and plans to attend Penn State, with a career goal of veterinary medicine.

The owner of two Brown Swiss animals, Kelly is a member of 4-H dairy and dairy judging, secretary of her school class and a member of the school track team.

Tanya Thoman, 13, is the daughter of Gail and Gary Thoman, Thomasville R2. She is a seventh-grade student at Dallastown Middle School, and a member of the school's symphonic band, select chorus and volleyball manager.

Active in 4-H dairy, dairy bowl and Junior Holstein clubs, Tanya owns nine Holstein animals.

Entrants for the Dairy Miss contest are between ages 6 and 8 and assist with selected dairy promotional events within York County. Contestants are Lisa Jones, Raechel Kilgore, and Erin Marks.

Lisa Jones, 6, is the daughter of Patricia and Dennis Jones, Lisburn Avenue, Shrewsbury. She is a first-grade student at Southern Elementary School and enjoys helping to feed calves on the Delta farm of her uncle, Leonard Greek.

Raechel Kilgore, 8, is the daughter of Pam and Doug Kilgore, Airville R2. A second-grader at Clearview Elementary School, Raechel feeds calves and helps with moving cows and milking chores at the family farm.

Erin Marks, 9, is the daughter of Barbara and Melvin Marks, Airville R1. Erin is in the third grade at Clearview Elementary School, and helps with feeding and watering of heifers and moving the family's dairy herd to pasture.

Current dairy princess Shannon Doll, Brodbecks, will perform her final official duty as she crowns the new princess and makes her farewell presentation at the annual pageant.

York dairy princess coordinator is Pam Kilgore, Airville. For more information, she may be contacted at R2, Box 147, Airville, PA 17302.

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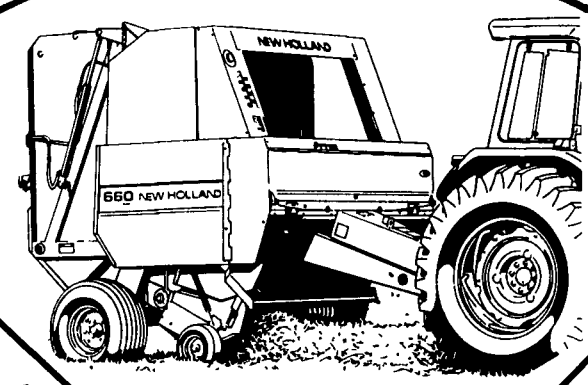

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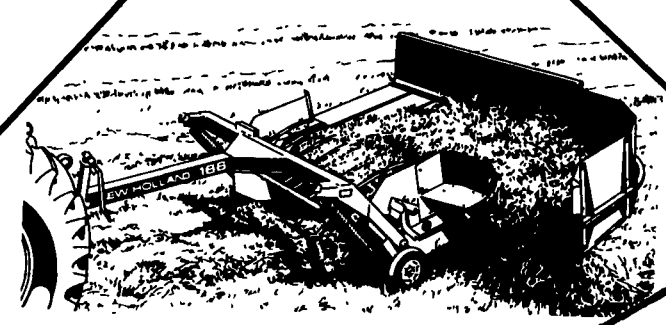

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Farm Women Societies

Lancaster Society 18

Mildred Greider was hostess to Farm Women Society #18 at Salem United Church of Christ, Marietta Avenue, on Saturday, March 20; twenty-two persons attended.

Elizabeth Diem had devotions. Roll call was answered by members stating the earliest date they had planted a garden.

Mary Beth Lake, missionary and teacher, had an informative program showing slides and telling about the people of the Philippine Islands, when she and her husband were at Silliman University.

Due to inclement weather the sewing at Lancaster General Hospital was cancelled, another date will be arranged.

On April 17, Society 18 will entertain Society #1 to a luncheon at 12:30 p.m. at Trinity United Church of Christ, 2340 State Street, East Petersburg.

York Society 7

York County Farm Women #7 met at the home of Anna Zinn. Edna Brothers served as co-hostess.

Roll call was an exchange of St. Patrick Card readings with 14 present.

Trooper Tim Good of the Penna. State Police presented a safety program on crime prevention tips for senior citizens and how to be award of telephone and door to door con artists.

A bus trip is planned on April 28 to the Rainbow Dinner Theatre.

The next meeting will be at the home of Helen Bentz on April 14, at 7 p.m. Each person should bring a decorated Easter Egg.

Lancaster Society 26

Lancaster Society #26 met on March 25 at the home of Janet Buchen in Manheim. Vice President Lois Brubaker conducted the meeting. The program for the evening was by Kay Beamesderfer, who spoke on the inner and outer beauty of woman.

The group will be entertained by Society #8 on April 14.

The next meeting will be held on April 22, at the home of Helma Mumma.

Lancaster Society 19

The Lancaster Co. Farm Women's Society #19 met at the home of Mildred Hoffman April 3.

President Betty Saylor called the meeting to order. Devotions were led by Esther Landis reading Matthew 28:1-10 and poems by Helen Steiner Rice, followed by prayer.

Members answered the roll call by relating "a humorous incident about a child relative." Reservations were taken for the Spring Rally to be held at Hagerstown on May 26.

President Betty Saylor showed pictures and told about her trip to Israel and Egypt.

The May 8 meeting will be a trip to Oberholtzer's Green Houses and Abner Zook's display of 3-D carvings with lunch at Brickers. Meet at 10 a.m. at Lititz Church of the Brethren.

Berks Society 3

Group #3 of the Berks County Society of Farm Women held its March meeting at the home of Leona Stauffer, Indian Lane, Boyertown. Eleven members responded to the roll call question, "What is your favorite dessert?"

Donations were made to the March of Dimes, Boyertown Multi-Service, and the Boyertown Safety Patrol.

Group #3 will serve refreshments at a farm equipment auction on April 6. Members will assist at a bingo party at Berks Heim on April 8. Group #3 received an invitation to the 25th anniversary part of Group #8 at the Shartlesville Grange on April 30. On Saturday, May 15, members of Group #3 will attend the quilt show at the Berks County Historical Society.

Prior to the business meeting, Chief Darius Puff gave a slide presentation on his recent visit to Bogodukhov.

The next meeting will be at the home of Mary Bartholomew, Boyertown R.D. 7. A Pampered Chef demonstration will be the program for the evening.

Berks Society 1

The Berks County Society of Farm Women Group 1 met at the home of Esther Berndt for their March meeting. President Ruth Walters presided at the business meeting with 16 members present.

A series of bingo games was the feature of the social part of the meeting.

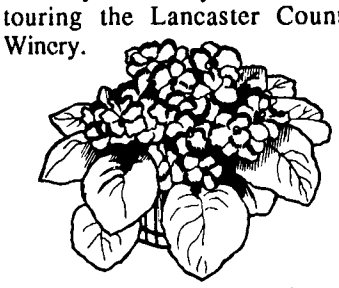
The next meeting will feature a speaker and will be held at the home of Pauline Hartman, Oley.

Lancaster Society 20

On Thursday, April 1, Farm Women Society #20 entertained Societies #3 and #15 at a covered dish dinner at the Memorial United Methodist Church, Quarryville.

For the program Jay Evans, the confectioner of Willow Street, explained how the candy is made. There are three kinds of chocolate and they make so many different designs, that they have about 300 molds. They make about 3,000 pounds of chocolate a year.

For the scripture, Vera Herr read Hebrews 11 and had readings from a Lenten Booklet. Following the prayer and Pledge of Allegiane to the Flag, the response to the Roll Call was naming a flower beginning with the initial of your last name. On June 5 there will be a garage sale at the home of Nancy Axe of Strasburg and on June 17 Society #20 will be entertained by Society #15. The meeting closed by singing "Brighten the Corner." On May 6 Society #20 will be touring the Lancaster County Winery.



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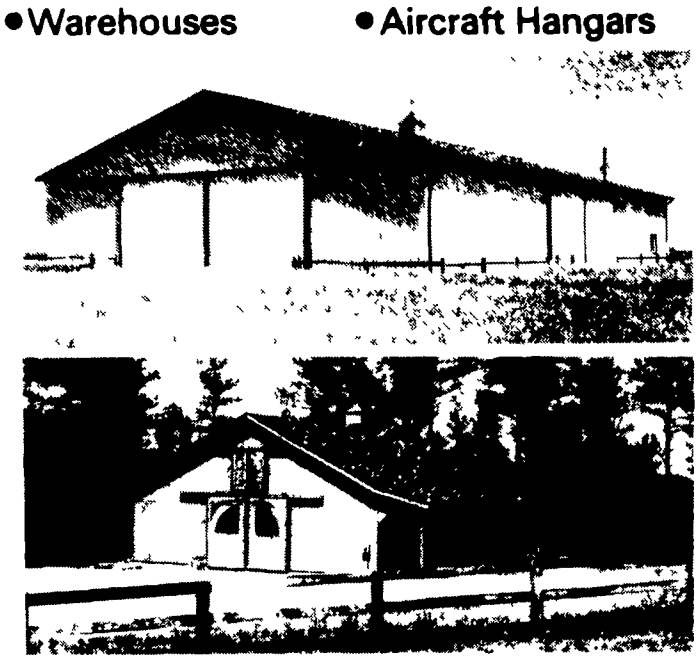

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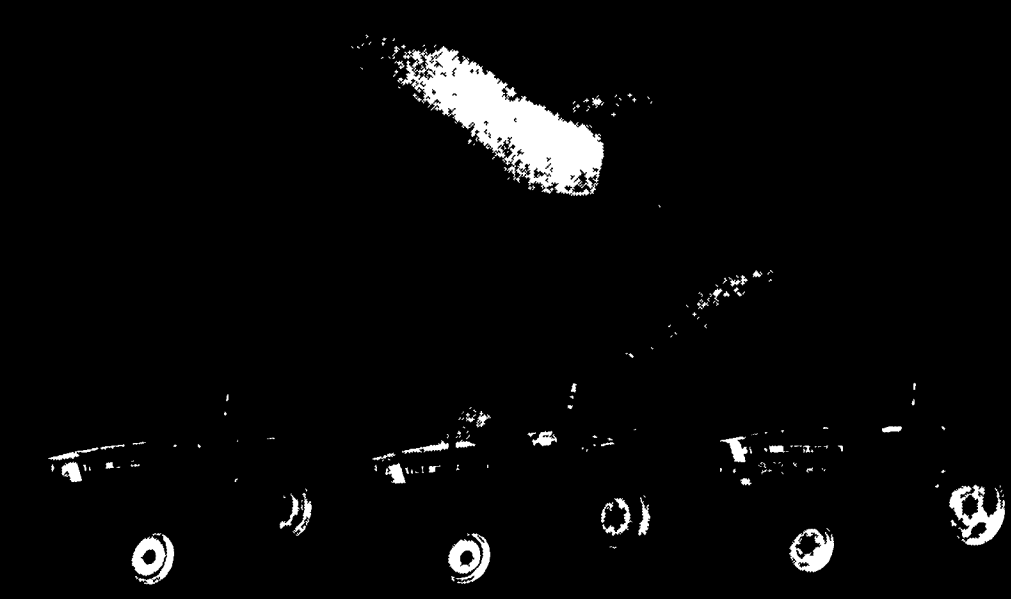

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Master Gardeners Set Workshops

NEWARK, DE. — Delaware master gardeners have lined up a variety of courses for their spring workshop series. Each session will include handouts, slide programs, hands-on exercises and individual instruction. All workshops will be held at the University of Delaware Fischer Greenhouse on the grounds of the College of Agricultural Sciences. The college is located on South College Avenue across from the Chrysler plant.

An introduction to organic gardening is scheduled for Monday, April 19, 7 to 9 p.m., Room 103 Fischer Greenhouse. Fee is $10.

Composting from kitchen and yard wastes will be covered on Monday, April 26, 7 to 9 p.m., Room 103 Fischer Greenhouse. Fee is $10.

Ornamental grasses is the topic on Tuesday, May 4, 7 to 9 p.m., Room 103 Fischer Greenhouse. Fee is $10.

Meadow gardens, their installation and maintenance will be taught on Wednesday, May 5, 7 to 9 p.m., Room 103 Fischer Greenhouse. Fee is $10.

The final workshop is a walking tour of the perennial garden outside of the greenhouse on Saturday, May 15, from 10 a.m. to noon. This workshop is free to anyone registered in one of the other workshops. Others may attend for a $5 fee.

To request a registration form or for further information, call the New Castle County Cooperative Extension office at 831-2506.

Tractor Certification Program

TOWANDA (Bradford Co.) — Farmers who expect to hire anyone under 16 years of age to work on a farm should be aware of the Child Labor requirements in Agriculture under the Fair Labor Standards Act. Under Child Labor provisions of the Act, it is unlawful for an employer to hire anyone under 16 years of age to operate a tractor of over 20 P.T.O. horsepower, or connecting or disconnecting an implement or any of its parts to or from such a tractor. Also, illegal according to the regulation would be the operating or assisting to operate most tractor powered or self-powered equipment. Some livestock, lumbering, storage and pesticide work is classified hazardous and illegal. Youth employed by parent or guardian are exempt.

Some may question the legal importance of the training, since there haven't been any court cases in Pennsylvania. However, if a serious accident involving an uncertified youth occurs, the resulting investigations could be very uncomfortable for the employer. Fines to an employer may be $1,000 first ofense, and more than $10,000 or up to six months imprisonment or both for a second offense. Youth 14 and 15 years of age may be legally hired if they become certified through a tractor certification program. The certification indicates that the bearer has completed safety instructions and is not an operators license.

A certification program will be available from 7:00-9:00 p.m. May 17, at the Bradford County Extension Office at 701 South Fourth Street, Towanda.

If a youth 14 or 15 years of age plans to work on a farm this summer or if a farmer plans to hire a person of this age, they may become certified by completing this course. There will be four evening sessions starting at 7:00 p.m. on May 17, 19, 24, and 26th and a morning session starting at 9:00 a.m. Saturday, May 29 (or by arrangement) during which a driving test will be given. Youth 13 years of age will be accepted but will not receive their certification until their 14th birthday.

The certification course is organized and sponsored by Penn State Bradford County Cooperative Extension and the Wyalusing Valley Area School Districtk. Contact Tom Maloney at the Extension Office (265-2896) or Morris Otten at Wyalusing High School (746-1218) for more details if needed. Registration is necessary and should be made by May 7 either by telephone or writing to Thomas Maloney, PO Box 69, Extension Service, Towanda, PA 18848.

Even if a youth works on the family farm during the summer, the safety training offered by this course is invaluable.

There will be a charge of $5 to cover the cost of study materials.

Who Will Make Decisions If You Can't?

LEESPORT (Berks Co.) — Advance directives, more commonly known as "living wills" will be the topic of a Penn State Cooperative Extension seminar conducted by Russ Powell, extension agent business management, from 7:30 p.m. to 9:00 p.m. on April 29 at the Ag Center. The seminar will cover the purpose and execution of a living will, your rights, the Commonwealth's obligations, revocation procedures, and other considerations.

Advances in medical care have made it possible for doctors to keep patients alive for months or even years by artificial means. However, this prolonged life may be accompanied by pain and suffering for you and your family, and bills that could bankrupt you and/or your family. Now you can decide what measures you want to have taken before such a decision must be made.

This seminar is free, but preregistration is necessary. Contact the Berks County Extension office at (215) 378-1327 to register.

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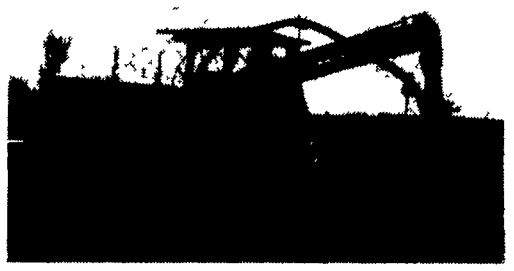

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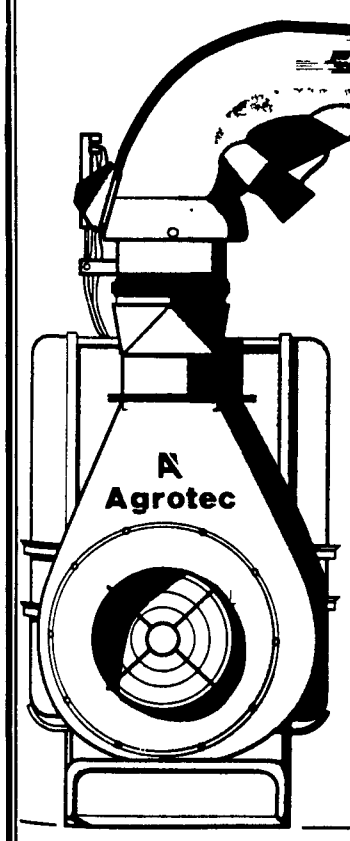

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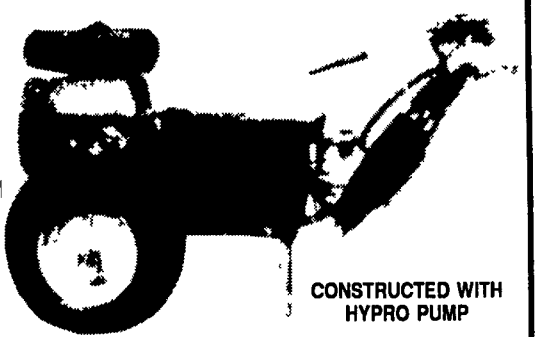

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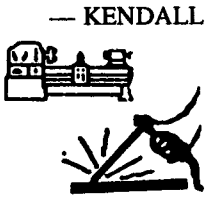

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Cloister FFA Holds Banquet

Cloister FFA Presents Awards

Sixty Cloister FFA Chapter members from the Ephrata High School were awarded with high merits at the 32nd annual FFA banquet held at the Mt. Airy Fire Hall recently.

Those receiving Foundation awards were Jeffrey Bollinger, livestock production; Courtney Myers, public speaking; Chad Kurtz, swine procution; Randy Sauder, poultry production; Jerry Bollinger, ag sales and service; Matthew Wenger, placement in agriculture; Scott Martin, beef production; Marvin Martin, beef production; Mark Gerhart and Matthew Miller, fruit and vegetable production; Kevin Martin, special animal production, Scott Garman, turf and landscaping; and Kevin Sauder, ag mechanics.

Special Star awards were given to Anne Mielnik and Seth Burkholder for Star Greenhand; Andrew Bollinger, Star Chapter Farmer; Ginny Nolt, Star Chapter Agribusinessman; Chad Burkholder, Star Red Rose Agribusinessman; and Kevin Hurst, Star Red Rose Farmer.

Achievement awards went to Tom Oberholtzer, Anne Mielnik, Lewis Horning, Doug Groff, Seth Burkholder, Jared Rottmund, and Jesse Wenrich for dairy foods.

Tractor driving awards went to Andy Bollinger and Marvin Martin. The Salesmanship Award went to Ginny Nolt. Scott Garman and Chad Burkholder were awarded the small gasoline awards. Dairy judging awards went to Lewis Horning, Marvin Martin, Kevin Hurst, Kevin Martin, Dervin Lehman, Scott Garman, and Jeffrey Bollinger. Wildlife awards went to Jesse Wenrich, Ralph Heiser, Dean Varner, Chue Yang, Josh Shirk, Jessee Showalter, Matthew Wenger, Adman Strunk, Ed McKinney, and Mike Lefever.

Horse Judging Award went to Heather Good, Anne Mielnik, and Scott Martin. The Farm Business Management Award went to Andrew Bollinger and Courtney Myers.

County awards were also given for project books. Those receiving awards were Courtney Myers and Jeffrey Bollinger, gold; Kevin Hurst, Ginny Nolt, silver; and Randy Sauder, Chad Burkholder, Scott Garman, Duane Bollinger, Jerry Bollinger, Scott Martin, and Nelson Bollinger, bronze.

State project book awards went to Courtney Myers and Ginny Nolt, gold; Jeffrey Bollinger and Courtney Myers, silver; and Jeffrey Bollinger, Jerry Bollinger, Nelson Bollinger, Kevin Hurst, and Ginny Nolt, bronze.

Foundation awards were given to Scott Martin, Courtney Myers, Matthew Wenger, Chad Kurtz, Mark Gehart and Kevin Martin at the Cloister FFA banquet. Also to Randy Sauder, Marvin Martin, Scott Garman, Kevin Sauder, Jerry Bollinger, Jeffrey Bollinger, and Matt Miller. ***Photo by Carol Stark, Ephrata Review***

One of the highest awards given for FFA students is the Star Award. Receiving this award was Anne Mielnik, Seth Burkholder for Greenhand; Chad Burkholder receiving the Star Red Rose Agribusinessman; Ginny Nolt, Star Chapter Agribusinessman: Kevin Hurst, Star Red Rose Farmer; and Andy Bollinger, Star Chapter Farmer. ***Photo by Carol Stark, Ephrata Review***

Cedar Crest FFA Holds Parent-Member Banquet

LEBANON (Lebanon Co.) — Recently, Cedar Crest FFA held its 28th annual parent-member banquet at the Cedar Crest Middle School with more than 200 in attendance.

Scott Nolt, chapter president, opened the banquet at 7 p.m. The address of welcome was presented by Paul Lane. Chris Kepley, chapter chaplain, gave the invocation. Jason Krall, chapter vice president, introduced the many guests.

Matthew Sensenig and Dan Atkins gave out the Certificates of Appreciation. Certificates were given to Steve Miller; Ed Arnold, Wen-Crest farms; and Jim Berry. Guest speaker was State FFA Secretary Jacy Clugston. Her speech dealt with the topic "There Ain't No Free Lunch."

Honorary chapter degree plaques were presented by the freshman class to Ann Fackler and Elvin Gingrich.

Harvey Smith, retired area consultant, presented the chapter's Keystone Degree winner, Jason Krall, with the Keystone pin. Andy Martin and Jamie Risser showed the year in review slides.

Dr. John Menser, Cornwall Lebanon School District superintendant, gave remarks from the administration.

Awards were presented by Harold Berkheiser, chapter advisor. The winners were as follows:

1993 CEDAR CREST FFA BANQUET AWARDS

Foundation Awards

Floriculture - Jamie Risser, Stacy Krall

Dairy Production - Scott Nolt, Jason Krall, Jeff Zimmerman

Cereal Grain Production - Scott Nolt, Jason Krall

Poulty - Matt Sensenig

Ag Mechanics - Matt Sensenig, Craig Carpenter

Soil & Water Management - Jason Hess

Swine Production - Jacob Frazier

Horse Proficiency - Chris Kepley

Beef Production - Paul Lane

Prepared Public Speaking - Paul Lane

Ag Sales & Service - Paul Lane, Jamie Murray

Diversified Livestock - Andy Martin, Dan Atkins

Agricultural Processing - Dan Atkins, Jon Harnish

Forestry - Doug Miller

Wildlife Management - Doug Miller, Dan Carpenter, Tim Boyer, Ed Showers

Home Improvement - Ed Showers

Outdoor Recreation - Tim Pavlesich

Record Book Contest

Scott Nolt - 2 - 1st blue county, 1 - gold state pin, 1 silver; Dan Atkins - 1st blue county, silver state pin; Matt Sensenig - 1st blue county, 3rd blue county, 2-silver state; Jason Krall - 2nd & 5th red county, 2-silver state pins; Jamie Wiles - 2nd red county, silver state pin; Chris Kepley - 3rd white & 8th white county, silver state pin; Kris Shultz - 4th red county, silver state pin; Paul Lane - 1st blue county; Jason Hess - 1st blue county; Ed Showers - 2nd red county; Craig Carpenter - 2nd red county; Doug Miller - 3rd red county; Brian Fasnacht - 3rd red county; Tim Pavlesich - 3rd white county; Doug Weltmer - 4th white county; Stacy Krall - 6th white county.

Speciality Awards

Dan Atkins - Scrapbook 4th State Pin; Jason Krall - Scrapbook 4th State Pin; Scott Nolt - Scrapbook 4th State Pin; Kris Shultz - Scrapbook 4th State Pin; Jason Hess - Scrapbook 4th State Pin; Chris Kepley - Scrapbook 4th State Pin; Jamie Murray - Scrapbook; Nathan Seyfert - Scrapbook 4th State Pin; Matt Sensenig - 1st place area Ag Mechanics Contest; Matt Sensenig - 1st place county Small Gas Engine Contest Team; Paul Lane - 1st place county FFA speech contest; Paul Lane - 1st place county salesmanship; Nathan Seyfert - 1st place county interview contest; Jon Harnish - 1st place county Quiz Contest; Jamie Risser - county quiz contest; Andy Martin - county quiz contest; Dan Atkins - 1st place county farm management contest.

Bologna Sale Trophies

Winners included Jamie Risser, Andy Martin, Paul Lane, Scott Nolt, Jon Harnish, Jacob Frazier, Jeff Zimmerman, and Dan Atkins.

Citrus Sale Trophies

Winners were Jason Krall, Jamie Risser, Scott Nolt, Doug Miller, Andy Martin, Jeff Zimmerman, Dan Atkins, and Jon Harnish.

Scholarship Pins

Pins were awarded to Jeff Zimmerman, Andy Martin, Scott Nolt, Matt Sensenig, Kevin Putt, Jason Krall, Stacy Krall, and Jamie Risser.

Parliamentary Procedure Pins

Pins went out to Dan Atkins, Matt Sensenig, Paul Lane, Jamie Murray, Jason Krall, Jason Hess, Scott Nolt, and Nathan Seyfert.

Chapter Trophies

Beef Production - Paul Lane; Corn Production - Scott Nolt; Dairy Production - Scott Nolt; Poultry - Matt Sensenig; Agricultural Mechanics - Matt Sensenig; Swine Production - Jacob Frazier; Outstanding Stockman - Dan Atkins.

Certificates of Appreciation

Mr. Ed Arnold
Mr. Jim Berry
Mr. Steve Miller
Wen-Crest Farms

From left, Scott Nolt and Matt Sensenig receive the Star Farmer and Star Agribusinessman award.

Andy Martin receives the star Greenhand at the Cedar Crest Banquet.

Jason Krall receives the DeKalb and the Lisa M. Houser Memorial Award.

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

APRIL

SAT APR. 17 - Brandywine Valley Angus Breeders, tested bull sale, Coatesville, Pa. Harry H. Bachman, auct.

SAT APR. 17 - Public auction of dairy heifers & feeder cattle located at RD 1 McClure, Pa. Durwood & Lynda Knepp, owners. Bryan D. Imes, auct.

SAT APR. 17, Real Estate, Antiques, Household Goods, And Tools. Located In Village Of Cambridge. Anna Reed. Nevin Martin & Sons, Aucts.

SAT. APR. 17 - 8AM Real Estate, antiques, furniture, household goods, guns, 66 Dodge Dart, 4 dr. Sedan with 65,000 mi. Located at 431 S. Hanover St., Elizabethtown, Pa. By Rebecca Heeter. Harold (Abe) Shaffner, auct.

SAT. APR. 17 - 8:30AM, 20th Annual Equipment Auction Of Trucks, Trailers, Construction Equipment & Farm Equipment Located At Garden Spot Auto Auction, Apple & Roberts Street, Ephrata, Pa. 17522. Sale Conducted By The J. Omar Landis Auction Service, Jay M. Witman, Auct.

SAT. APR. 17 - 8:30AM, Antiques, Household Goods, Farm Equipment. Located West Of York, Pa. On Rt. 30 Approx. 9 Mile At Rambler Inn, Turn North On Rambler Road, Go 4/10 Mile To Stop Sign, Turn Left, 4/10 Mile, 1st Farm On Left. "Watch For Signs". Seller, Kurvin Rentzel. Rentzel's Auction Service.

SAT. APR. 17 - 8:30AM Antiques, furniture, appliances, Craftmatic chair, collectibles, housewares, boat, motor & Trailer, lawn tractors, mowers. From Mrs Ethel Flaharty of Collinsville, Pa. & Mr. & Mrs. Robert Mitzel of Brogue. AT Chanceford Community Hall, Brogue, Pa. Bob & Tom Sechrist, aucts.

SAT. APR. 17 - 9AM Federal & State Surplus Equip, at Penndot Maintenance garage at Rt. 22 bypass & 17 st , Hbg , Pa. From I-81 take farm show exit 23 Go to 2nd light, turn left to next light, turn left to aution site Kerry Pae, aucts.

SAT. APR 17 - 9AM Antiques, household, furniture, over 1,000 old creamers and pitchers. 1101 Strite Rd., Middletown, Pa By Mary Jane Strite Estate Zeigler Auction Co.

SAT. APR 17 - 9AM Antiques, quilts, automobiles, furniture, country collectibles, black top tools, tools, glassware, appliances, household goods. From I-83 Exit 7 east on Rt. #124 to 1st light right on #24S to right on old Dutch Ln. Follow to prop. on left. For Russel D. Sechrist estate. Edward Miller, auct

SAT. APR. 17 - 9AM Valuable Real Estate, antiques & personal property 721 Marietta Ave , Mt Joy, PA From Main St. in Mt. Joy take Rt. 772 S. approx. 1½ mi. to property on left E. Donegal Twp., Lanc. Co., Pa. Mamie Neidigh, owner. Kline, Kreider & Good, aucts.

SAT. APR. 17 - 9AM Estate sale of real estate, antiques, collectibles, coins and household items. Located in Manbeck Heights, Mifflintown, but sale will be held at Juniata Markets, Jct. of Rts. 75 and old 22, at the blinking lights, 1 mi. N. of Port Royal, Juniata Co. Estate of Reidel R. Bingaman. Long's Auction Service.

SAT. APR. 17 - 9AM Annual Belleville Mennonite School benefit auction of misc, furniture, quilts etc Will be sold at the school, Belleville, Pa. Mark and Brian Glick and Dale Gibboney, aucts

SAT. APR. 17 - 9AM 2 unit apartment, brick dwelling, real estate, antiques, household goods, tools, coins. Located at 606 Auction Rd., Penn Twp., Lanc Co , Pa. Rt. 72 South of Manheim, turn west onto Auction Rd. at Manheim Auction Auction. By Henry S. & Naomi G. Smith. Horst aucts.

SAT. APR. 17 - 9AM Spring consignment sale. Farm Euqip. Located 12 miles N of Lewistown, Pa. Mifflin Co. Along Rt. 522 at Village of Wagner. Ivan Mackmiar. RD 5, Box 298B Lewistown, PA 17044. 717-543-5192. Blaine Rentzel Auct.

SAT APR 17 - 9AM, Snow Blower, Mowers, Power Shop & Hand Tools, Testing Equipment, Radio & TV Parts, Misc. Hardware. Located 500 Estherton Avenue, Harrisburg, Susquehanna Twp., Dauphin Co., Pa. (Dir.: In Harrisburg, Take Rt. 81 South To South Front Street Exit. Go To Edwin Avenue & Turn Left. Go To 4th Street & Turn Left To Sale). Sale By, Mr. & Mrs. Albert Pell Moyer. Howard Shaub, Inc Auct.

SAT. APR. 17 - 9AM, West Earl Fire Co Annual Public Auction Of Quilts, Misc. Items. Located In Brownstown, Turn Off Rt. 772 On School Lane Ave , Lanc. Co., Pa Terms By, West Earl Fire Co. Robert E & Jeffrey R. Martin, Aucts

SAT. APR. 17 - 9AM, Wickard Bros Annual Consignment Sale Located Rt. 74 N. Of Carlisle, Approx. 3 Mi. Along Rt 74 Owners, Wickard Bros. R. Mullendore, K. Wickard & R Foreman, Aucts.

SAT APR. 17 - 9:30AM, Wood's 19th Machinery Consignment Auction. Located on the Gordon Wood farm, Rt. 15. Across from Fred's Woodshed Restaurant. 2 miles from Tioga, 5 miles from Lawrenceville, 10 miles from Mansfield, Pa. Managed by Wood's Auction Service.

SAT. APR. 17 - 9:30AM Farm & Butcher equip, Gruber wagon, antiques, collectibles & tools. Between Robesonia & Bernville, N. Heidelberg Twp., Berks Co., Pa. From Rt. 422 turn onto Robesonia/Bernville Rd. for approx. 3 mi. & left onto Charming Forge Rd for 1 mi. & left onto Dundore Rd. for 1 mi. to Auction. For George & Ruth Oxenreider. Kenneth P. Leiby, auct.

SAT APR 17 - 9:30AM, 5th Annual Consignment Sale Of Farm Equipment And Related Items On The Harpster Farm, Rt 45 - 6 Miles West Of Pine Grove Mills, Pa At The Centre & Huntington County Line Ron Gilligan & John Esh, Aucts

SAT APR 17 - 9 30AM Real estate and personal property of the late Margaret Lenig 424 & 426 Orange St , Selinsgrove, Pa Duplex house, antiques and collectibles Estate of Margaret Lenig. Hassinger/ Courtney, aucts.

SAT. APR. 17 - 9:30AM Farm & vegetable equip., irrigation pumps & equip, tools. Located at 317 Island Rd off Rt 611, 10 miles S of Easton between Reigelsville & Kintnersville, Durham Twp, Bucks Co , PA (along the Delaware River) By Forrest W Fox. Ralph W. Zettlemoyer Co , Inc , auct

SAT APR. 17 - 9.30AM - Carpenter's Tools, masonary tools, building supplies, etc, guns, building supplies, real estate In the village of Eastville, Pa 5 miles E of Loganton off Rt 880 5 miles W of I-80 Exit 28 Daniel K & Barbara Lapp, owners Fraley Auction Co , aucts.

SAT. APR 17 - 9 30 AM Cohocton, NY Mr. and Mrs. Edwin Saxton "Spring Valley Farm" Complete Dispersal. Pirrung Aucts , Inc. 717-728-2520

SAT. APR 17 - 9 30AM Household antiques, 2 tractors, 27 acre farmette, residentail home - sells at farmette 27 acres in Salisbury Township, Lanc Co , Pa , one mile W of Gap, on Mine Rd Res home in Gap Boro located on Chestnut St From Rt 41 turn E at Town Clock, at stop sign turn right onto Chestnut St For Sarah Coffroad Estate Steve Petersheim, auct

SAT APR 17 - 10AM, Dairy Sale- 12Noon Livestock Connection Auction Located At C&S Sales Stables, 12 Miles North Of Honesdale, Pa , 2 Miles North Of Rileyville Corners, 7 Miles East Of Callicoon, N.Y. Wayne E. Weaver, Auct & Sales Mgr.

SAT APR 17 - 10AM Farm Machinery & Hog Equip On the premises known as 16420 Darnestown Rd , at the Jct of Rts 28 & 107, just west of Darnestown, Montg Co , Md Howard Williams/Seneca Creek Farm Trout aucts

SAT APR 17 - 10AM Farm machinery & tools North of Hancock, Md at Warfordsburg - Take 484 West 6 miles to BUck Valley, ½ mile past Buck Valley, turn right on McKibben Rd , Rick Sigel, owner Kling's Auctions, Inc

SAT. APR 17 - 10AM 4 unit apartment with 14x70 mobile home and 3 bedroom ranch home 1920 Camp Swatara Rd , Myerstown in the Village of Frystown, Bethel Twp , Berks Co By Donald H & Marie J Batz. Ebersole's Country Auction

SAT APR 17 - 10AM, 176 Acre Farm Located At 555 Hess Farm Rd , Dallastown, Pa 17313 Rt I-83 To PA Exit #6 At York, Rt 74 South To Fifth Traffic Light Bear Right & Follow Ironstone Hill Rd 1¼ Mi To Hess Farm Rd Turn Left To Auction Site Bob & Tom Sechrist, Aucts

SAT APR 17 - 10 30AM 2 tractors, farm machinery Rock Rd on Schooley's Mt Hackettstown, NJ From Rt 57 the main road between Hackettstown & Washington, NJ, just west of Hackettstown turn onto Newburg Rd. go to stop sign, turn right onto Schooley's Mt Rd., go just past Our Lady of Schooley's Mt Catholic Church & turn left on E Springtown Rd. & left onto Rock Rd - first farm on left For Mr. Tim Smith Arthur Hanna, auct.

MILK AMERICA'S HEALTH KICK

PUBLIC AUCTION
FARM EQUIPMENT & RELATED ITEMS
WED., APRIL 21, 1993
9:00 A.M.

LOCATED: Off Interstate 83 - Exit 7, York, PA go East to 1st light & turn right - Haines Road (Camp Betty Washington Road) Follow for 3 miles to auction on left.

Farmall Super C Tractor, Farmall C Tractor, Farmall Cub Tractor w/Plow, Culti. & Sickle Bar Mower, Corn Planter for C Tractor, Culti. for Farmall C, Int. 800 Cyclo 4 Row Planter No Till w/Monitor, Corn & Soybean Dresser - Dry Fertilizer, Int. 2X Rollover 3 pt. Plow, Taylor Way 12' Offset Disc, Brillion 11' Cultipacker, Int. 9A - 32 Blade Disc, 4 Section Spring Harrow, 2 Section Rotary Hoe, J.D. Killifer Offset Disc, New Idea 12A Manure Spreader, Graham Chisel Plow, Little Genius 2X Plow, Roll Over Scoop, Brady Stalk Chopper, Duster w/Engine, 18'4" Auger, 24' Bucket Elevator, 1 hp. Electric Motor, Sprayer w/ Cushman 1 Cylinder Engine, 7' Myers Snow Plow, 2 Platform Scales, 2 McCurdy Gravity Bins w/Wide Track Wagon, Potato Plow, Clover Seeder, HiCap 40 Grain Cleaner w/ Auger, John Beam FMC Duster, Myers 3 pt. Air Blast Sprayer, Lely Fertilizer Spreader, McCormick Fertilizer Drill, D.B. Hammermill, Wagon w/Sides, J.D. 13 Disc Drill, Trailer Sprayer w/Booms, PTO Clover Seeder, Planter Jr. Fertilizer Dist., Victory Garden Culti., David Bradley Tractor w/Att. Culti., Plow, Harrow & Packer, 2 Wheel Trailer, Husky Garden Tractor & Culti., Gravely 1 Wheel Tractor & Attach., Syracuse 1 Horse Plow, Garden Culti., Long Handle Garden Tools, Hog Chains.

2 GRAIN BINS
3000 BUSHEL w/BIN SWEEP - DISTRIBUTOR & FAN - 6000 BUSHEL w/BIN SWEEP - DISTRIBUTOR - FAN - HEATER
50'8" AUGER - PTO DRIVEN

Anvil & Hardie, Pot Belly Stove, Post Drill Press, Hanging Scales, Grease Guns, Scotsman Ice Machine, Egg Grader, Bull Bell, I Beams, Water Heaters, 2 Timers, Storm Front for Spring Wagon, Model T Radiator, Portable Oil Gun Heater, Bushel Baskets, Coal Brooders, Bags, Harness, Steel Tanks, Automatic Chicken Feeder w/100' Chain, Chicken Feeders, Nest & Waterers; Ladders, Scalding Trough, Hog Trough, Plastic Pipe, 2" Irrigation Pipe w/Sprinklers, Chicken Crates, Bag Truck, Wooden Pulleys, Burlap, 2000' Black Plastic, Bag Holder, IHC Steel Steering Wheel, Pipe Wrenches, Ford Wrench, Electric Cords, 50 Bags 8-24-8 Fertilizer, Wagon Jacks, Lumber, Boat Trailer & Many More Items Not Mentioned

TERMS: CASH OR GOOD CHECK.

Seller: BEN WINEKA
R.D. #2 Box 264
Red Lion, PA

AUCTION CONDUCTED BY:
Rentzel's Auction Service
Emigsville, PA 764-6412
PA Lic. #761

PUBLIC SALE
OF VALUABLE ANTIQUES
Sat., April 24, 1993
Time: 9:00 A.M.

Location: From Carlisle, Travel Rt. 74 N. Approx. 10 Mi. At Bottom Of Mountain On Perry Co. Side, Turn Right On Pole Cat Rd. 1st Farm On Right. From Alinda S. On Rt. 74 To Pole Cat Rd.

ANTIQUES - MODERN

Unusual Walnut Secretary Over 100 Yrs. Old, Soft Wood Corner Cupboard w/Blind Doors, Kitchen Cabinet, 2 Pump Organs, Organ Stools, (2) 3 Pc. Oak Bedroom Suites, Oak Beds, Rope Bed, Child's Cribs, Round Oak Table, Walnut Dropleaf Table, Fancy Side Board, Jelly Cupboard, Oak Stands, Buffet w/Mirror, Server, Set Of 6 Plank Bottom Chairs, Cane Seated Chairs, Rockers, Wooden High Chair, Victrola, Wooden (Cypress) Incubator, Reversed Painting Of Rockville Bridge, Old Picture Frames & Mirrors, Sewing Machine, Mantle Clock, Wooden Spice Cabinet, Flat Trunks, Alladin & Bracket Lights, Bread Maker & Riser, Clothes Trees, Granite Ware, Copper Kettle, Apple Peeler, Cherry Seeder, Coffee Mill, Iron Pots, Skillets, F.H. Cowden 4 Gal. Jug, 5 Gal. Jug, 1, 12 & 15 Gal. Crocks, Lanterns, 24" Unmarked Bisque Hd Doll w/Kid Body In Box, Blankets, Afghans, Blue Willow, Homer Laughlin, Opalescent, Depression & Other Good Glassware, Refrigerator Freezer & Regular Line Of Housewares - Bear Trap, Bu. Basket, Etc., Etc.

GUNS

12 Ga. Double Barrel Wire Twisted Shot Gun, 1891 Springfield Gun, Roso Rifle Co. Quebec Canada 1905 Rifle, Rem. Mod. 12, 22 Pump w/Octagon Barrel.

"SLEIGH"

Many Items Not Listed. If You're Looking For Old Things Don't Miss This Sale. No Sale Here For Over 100 Years.

Not Responsible For Accidents
TERMS: Payment In Full Day Of Sale, By Cash Or Pa Check.
Announcements Day Of Sale Take Precedence Over Printed Material. Inspection Day Of Sale Only!

Owner:
WILSON SHEIBLEY
R.D. 1, Landisburg, PA
Phone: (717) 789-3139

Auct. Kevin M. Wickard LC #2541-L
Phone: 243-1018

PUBLIC SALE
APRIL 24, 1993
9:30 A.M.

LOCATION: Follow Rt. 272 South of the Buck 2 1/2 miles to Drumore Center, then West on Osceola Rd. 3/4 mile to farm on the right.

MACHINERY AND EQUIPMENT: 2 Forecarts Auto turn & Hillside, N.H. 269 Baler, N.I. Hay rake on steel, N.I. Hay rake for parts, John Deere 9 ft. harrow, Oliver 2 bottom 12" plow, Zook flat wagon on steel with low side boards, Flat wagon with Grove running gears and side boards, Int. 1PR corn picker with elevator, Int. 1PR corn picker for parts, Farmall Super M. Tractor, on steel with pulley and hyd. McCormick No. 9 7 ft. mower, N.I. 404 Crimper with 4 cyl. Wisc. Engine, 2 8 ft. cultipackers, 1 good 1 for parts, Int. 101 Manure spreader with Pequea web, Int. 101 Manure spreader without wheels for parts, J.D. 999 2 row corn planter, McCormick No. 7 silage cutter, 50 ft. belt, Feed cart, Seneca Rd. silage cart, 400 Gal. Mueller Bulk tank, 3 DeLaval milkers with (4) 40 lb. pails, Bender 4 unit washer, Rath double tubs with rack table, 4 various size tubed gates, Milking compressor, Utah Vac. pump, 4 unit cap. 3 Horse air compressor, Leister 2 cyl. Diesel, Line shaft with pulleys, Minnich bale box.

LIVESTOCK: 32 Jersey cows, (6 first calf), 8 Jersey heifers, 1 yr. to 2 yr. open and bred, 8 Jersey heifers 1 yr old, 4 Jersey calves, 1 pr. smooth mouth sorrel work horses, (good lead horse) 1-5 yr, old gelding with lots of steam, 6 Sets of full harness, 1 chex lines, 1 remodeled chex lines, 6 jockey sticks, 2 horse hitch, 3 horse hitch, 4 horse hitch, 6 horse hitch which can be used as either 4, 5, 6, 7, horse hitch, Corn silage and ear corn for sale. ***SMALL WAGON*** load of misc. items to sell, so don't be late.

Sale By:
Samuel B. Ebersol
Katie Z. Ebersol
1061 Osceola Road
Drumore, Pa. 17518

Auctioneers:
Ronald E. Bard AU 002945 L
Paul Snyder AU 00873

Mailbox Markets Appear On Page D2 This Week!

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT APR. 17 - 11AM Antiques, collectibles and household items. Location 1 mile E of Muncy, Pa along Pa Route 405, at the bridge, Muncy-Hughesville Highway Rene Whitmoyer, owner. Arthur Auctioneering

SAT. APR. 17 - 11AM 17 Acre Farmette. From Lebanon take Rt. 72 N approx. 2½ miles to property on left at the intersection of Rt. 72 and old Ebenezer Rd. across from H&S Automotive. North Leb. Township, Leb. Co, Pa. By Ralph Kleinfelter Paul E. Martin, auct.

SAT APR. 17 - 12 30PM Lawn Equipment Auction, 60+ garden tractors, mowers, trimmers, etc. Enfield Equip, Inc Rt 165 & Wheeler School Rd., Whiteford, Md Rigdon Auctioneers

SAT APR 17 - 1PM 14th Annual Pennsylvania Blue Halteir Calf Sale Bedford Fairgrounds, Bedford, Pa. Denny Remsberg, auct.

SAT APR. 17 - 1.30PM Maryland Simmental Association 19th Annual Spring Invitation Sale. Frederick Fairgrounds, Frederick Md.

SAT. APR. 17 - 4PM, Tack Sale. Located At Preston Farmers Market, Inc., Sanders St., Terra Alta, W.V. Leonard Custer, Auct.

SAT. APR. 17 - 7PM, Horse Sale Located At Preston Farmers Market, Inc., Sanders St., Terra Alta, W.V Leonard Custer, Auct

SAT APR. 17 9AM & SUN. APR. 18 -1PM Woodworking Shop, antiques, Winross & Ertl tractor trailers, truck banks, cars, farm tractors and consdtruction equip. On Rt. 230 between Middletown and Elizabethtown, turn N. onto Deodate Rd at Tool Shed of America, 1st right onto Whitman Lane, then 1st right onto Epler Rd. go to stop sign then turn right onto Locust Grove Rd. Ken Fleck, Inc., aucts.

SUN. APR. 18 - 10AM Antiques, glassware, items from past ownership of the Spring Mills Hotel, Inc. Located in Farmers Mills (Spring Mills) Centre Co., Pa. Off of St. Rt. 45 E. and W. turn onto Shook Hollow Rd., 1 mile E. of Spring Mills at Jodons Sporting Goods. Proceed to stop sign and turn left, sale on left. By Gerald Goodhart. Michael F. Dilliard, auct.

SUN. APR. 18 - 12Noon Restaurant equip. auction, clearance at Requipment Co. Central Pa's Priemer restaurant equipment dealer. Located I-81 To Mechanicsburg Exit 18, Rt. 114 West, To Left At Main St. Light, Left On Walnut, Left On Strawberry Alley To Sale. Mark Baranowski, auct.

SUN. APR. 18 - 1PM Jewelry Auction. Held at Sheraton Inn East, Harrisburg, Pa. Take exit 29 Union Deposit Rd. off I-83 to Auctin Site. Kerry A. Pae, aucts.

MON. APR 19, 30,000 (Approx) Sq Ft Manufacturing Building. Located At 120 S. 11th St., Akron, Lancaster Co., Pa. Terms By, Eisenhart Associates. Horst Aucts.

MON. APR. 19 - 10AM, Weiser Orchards, Discontinuing Feeding Hogs & Cattle. Located At Old Pea Viner Sight Along New & Old Route #15, York Springs, 17372, Adams County, Pa. Owner, Weiser Orchards. Clair R. Slaybaugh, Auct.

MON. APR. 19 - 2:30PM, Furniture, Collectibles & Glassware. Located At Harry's Auction, 11 Graybill Rd., Leola, Pa. 17540. Richard Harry, Auct.

MON. APR. 19 - 3PM Brick rancher, real estate, antiques & household goods. At 396 W. Newport Rd (Between Elm & Lititz), Penn Twp., Lanc. Co., Pa. Rt. 501 N. of Lititz, West Newport Rd. Samuel E. & Elva H. Martin. Horst aucts.

MON. APR. 19 - 4PM, Continuation Sale Of Walnut Valley Farms Nursery. Located Off Rt. 30 West Of York On Rt. 116, 2 Miles, Auction On Right. Rentzel's Auction Service.

TUES. APR. 20, Kings Heaven Holstein Dispersal Of 60 Reg. & Grade Holsteins Sell "The Sale Worth Traveling For!" Located Fairfax, VT. Owners, Wayne & Donna King. Reg Lussier Auct. Northeast Kingdom Sales, Inc.

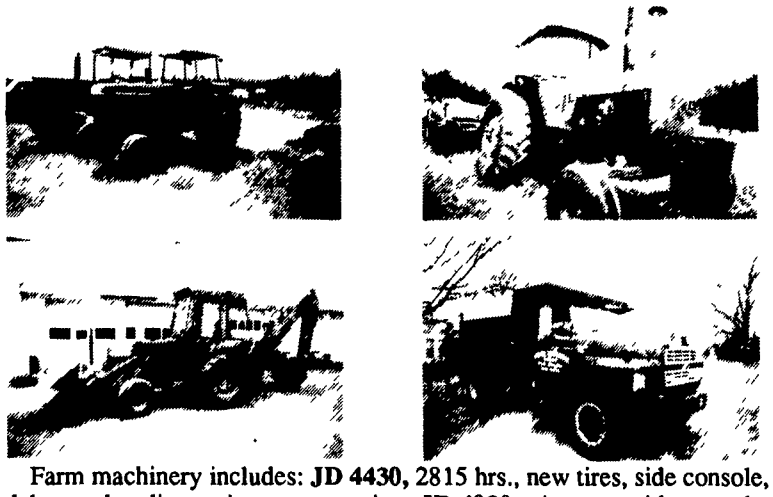
Honey Hollow Farm Machinery Muller Excavating & Contracting Auction

Honey Hollow Farm has been sold. Muller is retiring due to illness. We have been authorized to sell at auction. Auction to be held at intersection of US Rte. 9 & Col. Cty. Rte. 31, Blue Stores, across from Stage Coach Inn and Nice & Easy Store. Approx. 8 miles no. of Red Hook & 12 mi. south of Hudson, N.Y.

SATURDAY, APRIL 24, 1993

11 a.m. Rain or Shine 11 a.m.

Tractors • Balers • Rakes
Hay Wagons • Loader Hoes • Trucks



Farm machinery includes: **JD 4430,** 2815 hrs., new tires, side console, deluxe cab, adj. steering, post traction; **JD 4030** w/canopy, side console, good cond; **Farmall H,** good cond.; **JD 336** baler w/kicker, good cond.; **JD 1209** haybine, good; 4 hiside hay wagons on NH gear, good; tricycle s.d. rake; **Kahn** rake, like new; **Fahr** tedder rake; 3-pt. 7' **York** rake; **Brillion** cultipacker; semi-mt. 4-bottom plow; **NH 513** manure spreader, good; **Brush Hog 1439** mobile disc; **NH** tedder rake; **Woods RM59** 3-pt. rotary mower, all above very good, Also, **Vicon 301** 3-pt. tedder rake; **NH** 30' elevator; **Int. 475** folding mobile disc; 20' hay elevator. Also, 10 ton of 20-20-20 fertilizer.

Excavating Equipment • Loader Hoes Dump Trucks • Sander Unit • Auto • Equipment Trailer

Partial listing: Ford 555 loader hoe w/cab, approx. 200 hrs. on rebuilt engine, good; 1987 Ford F600 dump truck w/370, 4V, 5+2, 52,900 miles; Samco dump body w/hyco hydraulic hoist, very good; hi tensile triaxle 21' equipment trailer w/ramps, like new; Ford 4400 industrial loader hoe, diesel, rebuilt 4 years, good cond.; Bengal Zwack 2-yd. sander unit w/8 h.p. engine, elec. start, used 1 season, 1/2 ton roller; 1980 Oldsmobile Delta 88 Royal, 2 dr., diesel, auto, A/C, 33,985 miles; 1974 Ford 600 dump, 4x2; 1969 Chevy C-50 dump truck, 4-spd; 35± Scepter 8" ID drain/sewer SDR 35; patio blocks; large table; Triple A lighted sign; small amount of small tools and many other items both large and small; too numerous to mention.

Terms of Sale: Cash or good check day of sale. 3% Buyer's Premium. All new buyers must have a bank letter.

Some quality consignments accepted until 5 p.m. April 23.

D. LUTHER AUCTIONEER
Amenia, N.Y.
(914) 373-9900/8215
TOLL FREE USA-NY-CANADA:
1-800-D-LUTHER

LUTHER

Sale by order of
HONEY HOLLOW FARM & MULLER EXCAVATION

PUBLIC AUCTION

OF ANTIQUES, FURNITURE, GLASSWARE, COLLECTABLES, & HOUSEHOLD GOODS

Thursday, April 29, 1993

10:00 AM

Located at: 124 Elizabeth Street, Christiana, Lancaster County, Pa. From Route 30 & Route 41 in Gap, take Route 41 South approximately 3 miles to Getty Mart. Bear right on Newport Avenue to Pine Street. Bear right to Elizabeth Street. Watch for Signs.

☆ *FURNITURE* ☆

Corner cupboard; 5 leg kitchen table; hutch; nice dining room suite; dinette; recliners; chairs; sofas; cane seated rockers & chairs; bookcase; end tables; library tables; smoking stand; wall table; foot stools; blanket chests; Lane cedar chest; night stands; chest of drawers; vanity; dresser; Windsor chair; early high chair; card tables; wall mirrors; twin beds; double bed; trunks; washstands; desk chair; Larkin chest of drawers; metal wardrobe; folding chairs; floor & table lamps; plant stand; coffee table & more.

☆*ZENITH 25" COLOR TV* ☆

☆*APPLIANCES* ☆

Maytag washer & dryer; 2 refrigerator/freezers; air conditioner; chest freezer.

☆ *GLASSWARE* ☆

Etched stemware; blue carnival; pressed glass; cruets; salts; cut glass; compote; pitcher; hen on nest; service for 12; ironstone; mixing bowls; Planters jar; Corning ware; crocks; creamers; Roseville vase; Christiana plates; Gap Town Clock salt & peppers; silver service; green depression; Fiesta ware; Lady Margaret figurine; old 1 gallon coke syrup bottles; punch set & more.

☆ *ANTIQUES, COLLECTABLES, & HOUSEHOLD GOODS* ☆

Lantern; old games; Christmas balls; milk box; picture frames; Sessions; Seth Thomas & Ingrahm mantle clocks; many old pocket watches & alarm clocks; old Magnavox radio; quilt frame; hats; copper wash boiler; milk cans; egg basket; several old dolls; baby clothing; quilts; 1940 sampler; old Bible; Kodak Jr.; cookie cutters; iron skillets; costume jewelry; baskets; Singer treadle sewing machine; sewing supplies; blankets; tablecloths; doilies; linens; luggage; misc. small kitchen appliances; pots; pans; utensils; flower press; fans; electric heater; vacuum & more.

☆ *COINS* ☆

Silver dimes; quarters; halves; silver certificates; 1899, 1923 large dollars; Buffalo nickels; V nickels; steel pennies.

☆ *TOOLS, LAWN & GARDEN* ☆

3 HP gas sprayer; rototiller; 2 LawnBoy mowers; shop vac; scales; assorted forks; shovels; rakes; small hand tools; ladders; garden cart; spreader; Weed Eater; work bench; tool box; Shopsmith; press; crates; bushel baskets; lawn chairs; washtubs; bag cart; and more.

AUCTIONEER'S NOTE: This is an auction of very clean personal property. Lots of collectables with something new for everyone. Come early for this one.

PAYMENT TERMS: Payment in full day of auction with cash, certified or approved check.

Auction Conducted For:
KENNETH K. WOLFE, **Et. Al.**

Auction Conducted By:

Plenty of Good Food Available
Announcements day of auction take precedence over previous advertising.

BARR DAVIS AUCTIONEERS
Stephen J. Barr AU-002422-L
James S. Davis, Jr. AU-002421-L
Gap, PA 17527 • (717) 442-9221

OUTSTANDING ESTATE AUCTION

SAT., APRIL 24, 1993

At 9:30 A.M.

Located at 503 Evergreen Rd., New Cumberland, Pa. Take Exit 17 off I-83 at Reesers Summit & follow signs. Park at Fairview Church across street from auction site.

ANTIQUES - FURNITURE

9 pc. Mahogany Duncan Phyfe Dining Room Suite w/Corner China Closet & Shield Back Chairs, 4 Pc. Victorian Cottage Style Bedroom Suite (Green), 2 Mahogany 4 Poster Beds, 1 Pc. Corner Cupboard Single Glass Door, Sq. Mahogany China Closet, 3 Victorian Parlor Chairs, Kitchen Cabinet, Empire Mahogany Console Table, Two 5 Pc. Chrome Art Deco Breakfast Sets, Oak 5 Section Stack Bookcase w/Desk, Two 3 Sec. Mahogany Bookcases, 2 Mahogany Chest of Drawers, Mahogany Vanity, 9x12, 6x9, 4x5 Oriental Rugs, Walnut Side Table, 4 Wing Back Chairs, Admiral Floor Model Radio, Mahogany Rocker, Rataan Settee, Several Fancy Wrought Iron Floor Lamps, Brass Floor Lamps, Cedar Chest/Wardrobe, Oak File, Doll Crib, Childs Table, Fancy Oriental Table Lamp, Magazine Rack, Fancy Side Chairs, Plus Many Other Items Too Numerous To List!!

CHINA - GLASSWARE - COLLECTIBLES

FADA Radio, Roseville Vases, Cut Glass Bowls, 40 Pcs. Fostoria, Limoges China, Nippon Covered Butter, Depression Glass, Copper Lustre Creamer, Beautiful Hand Painted Bowls, Bisque Figurines, Opalescent Bowls, Staffordshire Plate, Fiestaware, 10 Crockery Mixing Bowls, Chocolate Pot, Roseville Apple Blossom Tea Pot, Sugar & Creamer, Cook Books, Apple & Other Cookie Jars, Old Kitchen Collectibles, Advertising Tins, Scales, Bridesbaskets, Svc. 12 Flatware, Beautiful Linens & Dry Goods, Crocks, Jugs, Old Books, 20 Dolls From 50's & 60's, Black Doll, Stemware, Etched Glassware, Old Xmas Decorations, Cast Iron Safe Bank, Atomic Mechanical Bank, Sheet Music, 1886 Print, Vintage Hats, Hat Boxes & Clothing, Old Cameras, Radios, Copper Wash Boiler, Fancy Gold Handle Umbrella, Old Childrens Books & Games, Art Deco Radio-Lamp (Very Unusual), Uncle Sam Cash Register Bank, Pocket Knives, Spongeware Bowl, Tramp Art Picture Frames, Remington 22 Octagonal Barrel Rifle 1909, Winchester Model 12 Shotgun (Rough), Mirrors, Old Picture Frames, Old Magazines & Newspapers, Washboard, Lots of Tools, 1810 Watercolor Signed Stettinius, Old Sleighbells, WWI Helmets, Wilson Wooden Shaft Golf Clubs, Old Baskets, PRR Book, Old Fishing Rods/Reels, Cast Iron Race Horse Bank, Tin Boxes, Lots of Old Parker Bros. Games, Hubley Cap Pistol, Baby Clothes, Doll Clothes, Hundreds of Items in Boxes Not Yet Unpacked!

TRACTOR - HOUSEHOLD ITEMS - TRAILER

Wheel Horse Model C-141 Tractor/Mower/Snowblower & Dump Cart, Stihl FS66 Weed Trimmer, Snowco Tilt Bed Utility Trailer, Stepladder, Shop Vac, Sofa Bed, Maytag Washer & Dryer, Metal Cabinets, Zenith Color TV, Bench Grinder, Vise, Hand/Garden Tools, Desk Chairs, Glider, Lawn Furniture, Benches, Echo Chain Saw, Hardware, Maytag Wringer Washer, a Garage Full of Items - Too Many To List!!

Note: Bring A Chair - All Day Auction! Tents Will Be Up If It Rains!! Food Available. No Out of State checks.

K.G. KIPP ESTATE
MARY E. KIPP Owner
Kerry A. Pae, CAI, AU 1367
Jeffrey L. Knosp, CAI, AU 1710L

KERRY PAE AUCTIONEERS
Harrisburg, PA
(717) 236-3752

2 AUCTION SALES

SALES FOR ACCOUNT OF UNDERWRITERS AND OTHER ACCOUNTS

FURNITURE, BEDDING, OFFICE EQUIPMENT, CARPET, APPLIANCES, TREES, SHRUBS, SHOWER STALLS, TUBS, DOORS, PAINT

TUESDAY, APRIL 20 - 10 A.M.

ON OUR PREMISES - 1ST FLOOR

BUILDING MATERIALS & OFFICE EQUIPMENT

White Semi-Gloss Paint, Mirrors, Porch Columns, Wood Screen Doors, Storm Doors, Vinyl Windows, Triple Windows, Rockwell Table Saw, Guardian 16 Spd. Drill Press, Shovels & Post Hole Diggers, Kitchen Cabinets, Floor Adhesive, Shower Stall Kits & Modules, Shower Doors, Vanity Faucets, Whirlpool Tubs, Fiberglass & Steel Tubs, Wood Desks, Hutch/Bookcase, Savin 7350 Copier, AGI Computer, CPT 8535, 8525 & 8100 Computers, CPT Rotary VIII & IX Printer, Epson FX1050 Printer.

FURNITURE, APPLIANCES, CARPET, FLOORING, RUGS

Wooden Corner Dinette Set, Dining Chairs & Tables, Bedroom Sets, Dressers, Nightstands, King, Queen, Full & Twin Boxspring & Mattress Sets, Matching Sofas, Loveseats & Chairs, Cocktail & End Tables, Table Lamps, Knick Knacks, G E Hotpoint & Magic Chef Refrigerators, Westinghouse Electric Range, Carpet & Vinyl Flooring in Various Styles, Colors & Patterns Ranging in Sizes from 12x7 to 12x30, Area Rugs, Numerous Oriental & Hook Rugs.

LANDSCAPING SHRUBS & TREES

Flowering Trees & Shrubs - White & Flowering Peach, Bradford Pear, Japanese Cherry, Purple Leaf Plum, Pink Dogwoods, Rhododendrons, Azaleas, Forsythia, Evergreens - White Pine, Douglas Fir, Globe & Pyramid Arborvitae, Hemlocks, Upright & Spreading Yews, Hollies, Junipers, Shade Trees - Norway Maple, Crimson King Maple, European White Birch, Rare Ornamental - Japanese Maple, Purple Leaf Birch.

INSPECTION: MONDAY, APRIL 19 - 9 A.M.-4 P.M.

$110,000 WHOLESALE INVENTORY

GROCERIES, CAN GOODS, BABY FOOD, DETERGENTS, PAPER GOODS, PET FOOD, SUNDRIES, ART SUPPLIES, AUDIO ACCESS.

WEDNESDAY, APRIL 21 - 10 A.M.

ON OUR PREMISES - 2ND FLOOR

ESTABLISHED IN 1834

COMLY Auctioneers

WM. F. COMLY & SON, INC.

1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500 (215) 634-0496 Fax

PUBLIC AUCTION

21 EXCLUSIVE BUILDING LOTS

PARTNERSHIP

LIQUIDATION SALE

SAT., MAY 15, 1993

10:00 a.M.

Southwynd Associates, Ltd. is dissolving its partnership. they will offer twenty-one exclusive executive residential building lots for sale in the elegant community of Southwynd. The Southwynd Development is only minutes from downtown York, near York Hospital, York College, Apple Hill Medical Center and the Country Club of York, and only 45 minutes from Hunt Valley, Maryland via I-83. Nestled safely away from noisy highways in a gently sloping valley and surrounded by woods, this premiere location is already the preferred community for executives and professionals. The large building lots range from one-half acre to 1¼ acre and all have public water, sewer, gas and cable.

Sale will take place on the premises and bidders are invited to inspect the lots on the weekends of May 1-2, May 8-9 and at other times by appointment. Some owner-financing is available for up to 75% of the purchase price if pre-arranged in writing before May 11th.

All lots will be sold subject to a one-time $500.00 Storm Water Pond maintenance fee and to a public sanity sewer assessment by Spring Garden Township. A non-refundable deposit of 10% of the purchase price is due when the property is struck down, of which $5000.00 must be by cash or certified check and the balance by approved check in 45 days.

SUBJECT TO SELLERS CONFIRMATION.

FOR MAPS & MORE INFORMATION CONTACT AUCTIONEER AT (717) 764-6412.

Seller:

EDWARD B. GOLLA
General Partner,
Southwynd Associates

Auction Conducted by:
Rentzel's Auction Service
Emigsville, PA
764-6412 PA Lic. #761

PUBLIC SALE

REAL ESTATE

Beautiful country setting of 2.4 ± acres with house, shop, spring fed pond & stream in W. Cocalico Twp. with business opportunity.

Sat., May 29

at 2:00 P.M.

Located west of Reinholds along 897. From intersection of 272 & 897 go North 897 thru Reinholds app. 1 mi. to property on right.

45'x45' shop on front of lot with oil heat & blacktop, office, parking area.

Dwelling on rear of lot w/tool shed & pavilion.

Bi-level house w/3 bedrooms, bath, kitchen, dining room, living room on main floor. Walk-in basement w/family room, (bath & laundry comb.), den & storage room.

Elec. heat w/wood & coal stove in family room. On lot sewer & water.

Open House May 15 & 22, 2:00-4:00 P.M. or call for appointment (717) 362-4072.

Terms: 10% down day of sale, balance 30 days.

Not responsible for accidents.

Terms By
GEORGE N. &
MARIE HOOVER

Atty. Apple & Yost

Hoover Auctioneering

HCR Box 60A
Spring Glen, PA 17978
717-365-3803
Gerald Hoover AU-002794-L

REAL ESTATE AUCTION

101 ACRES M/L VERY DESIRABLE YORK COUNTY LAND IN AN IDEAL LOCATION. TO BE AUCTIONED IN TWO PARCELS AND AS A PACKAGE

FOR J. THOMAS DALTON and JOANN E. DALTON

SATURDAY, MAY 8, 1993

10:00 A.M.

Open House, Sunday, April 18th & 25th, and May 2nd from 1:00 to 4:00 P.M.

On the premises at R.D. #3 Box 422, Stewartstown, PA 17363. From Maryland and south, Interstate Rt. 83 to PA Exit #1. Left off ramp and go ¼ mi. to right turn on Mt. Airy Rd. and go 1 mi. to Stop. Turn right onto Plank Rd. and go 1¼ mi. to bear left onto Rinely Rd. Go 1 mi. to stop at Rt. 24. Turn right onto Rt. 24 and left onto Thompson Rd. and go ¼ mi. to property. From York and north, Rt. 24 south from Red Lion to Thompson Rd. and turn left to property.

PARCEL 1: This beautiful property consists of 95 acres, m/l. 1½ acres wooded, with a stream. No improvements. One approved building site to build your dream home on a spot with a commanding view overlooking your estate and the countryside.

PARCEL 2: Consists of 6 acres, m/l, of land with stately shade trees and a small pond. Improved with a fine partially-restored 4 bedroom stone & stucco dwelling, circa 1800, with 18" stone walls. Deep window seats at all windows. Pegged chestnut timbers throughout. Very unique plank pine floors and walls. Original ogee chair rails. Walk-in fireplace in family room. Two walk-in fireplaces in basement.

INSPECTION: Phone (717) 993-6992 for appointment. Open House, Sunday, April 18th & 25th, and May 2nd from 1:00 to 4:00 P.M.

TERMS: A down-payment of 10% of the gavel price is required on auction day in cash or check with bank letter specifying this auction on this date. Balance due in-full on or before July 8, 1993 at closing, unless otherwise specified.

FAWN GROVE, PA 382-4379 — SECURITY Auctioneers — RED LION, PA 741-4489

Lic. Nos. 820 & 821

Phone for color brochure.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

TUES. APR. 20 - 10AM, Bentley Brothers Farm Equipment Auction. Located Rt. 31 West, Albion, N.Y. 20 Mi. N. Of Batavia, 4 Mi. S.W. Of Albion Along Rt. 31. Owners, Bentley Bros. Dave. Roy Teitsworth, Inc. Sales Manager & Auct.

TUES. APR. 20 & WED. APR. 21 - 10AM, 2 Auction Sales Of Furniture, Bedding, Office Equipment, Carpet, Appliances, Trees, Shrubs, Shower Stalls, Tubs, Doors, Paint. Located On Our Premises 1st Floor Wm. F. Comly & Son, Inc., 1825 East Boston Avenue, Phila., Pa. 19125.

TUES. APR. 20 - 11AM, General Consignment/ Equipment Auction. Located Kutztown Produce Auction, Inc., From Reading 222 N. To Kutztown Exit Bear Right, Then Right Onto Oakhaven Road To Stop, Then Left. From Allentown 222 S. To Virginville Exit, Turn Left To Stop, Then Right, Then Second Left Onto Oakhaven Road, To Stop then Left. (Follow KPA Signs). Sale For Earl Martin & Others.

TUES. APR. 20 - 7PM Feeder Cattle Sale, Westminster Livestock Auction.

TUES. APR. 20 - 1PM Real estate, antiques, tractor & equip. Off Interstate 83 at Exit 1, go east on Rt. 851 to Hopewell Township Bldgs., turn onto 5 Forks Rd., go 9/10 mile & turn left onto Davis Rd., go 3/10 mile & trun right onto Gemmell Rd., 3/10 mile to auction. Seller Mary E. Gemmill. Rentzel's Auction Service.

TUES. APR. 20 - 6PM, 36th Annual March Of Dimes Auction. Located At The Green Dragon Farmer's Market & Auction. Co-Chairman, Adam Z. Zimmerman.

WED. APR. 21 & THURS. APR. 22, Large 2 Day Sale Of Farm Equipt., Etc. At Our Sales Lot Located Six Miles South Of Chambersburg, Pa., 1 Mile East Of Marion, Just East Off Rte. 81 Along Rte. 914. Owners, Jerrold & Gloria Oaks. Marion Auction Service, 5174 Horst Rd., Chambersburg, Pa. 17201.

WED. APR. 21 - 9AM, Farm Equipment & Related Items. Located Off Interstate 83 - Exit 7, York, PA Go East To 1st Light & Turn Right - Haines Road (Camp Betty Washington Road) Follow For 3 Miles To Auction On Left. Seller, Ben Wineka. Rentzel's Auction Service.

WED. APR. 21 - 10AM, Auction Liquidation Commercial Wood Shop, Power Tools & Machinery, Lumber, Hdw., Supplies, Computer, Phone System, Office Furn. & Equipment Located 145 Main St., Pennsburg, Pa James S Enterprises, Ltd. Ted Maurer, Auct.

WED. APR. 21 - 3PM Antiques, household goods, collectibles, tools, car. Held at Horst auction center located at the corner of rt. 322 & Durlach Rd. (Approx. 2½ miles West of Ephrata), Ephrata, Lanc. Co , Pa For Lathryn Leisey, Helen Gerhart, Mabel Yeager Horst Aucts.

WED. APR. 21 - 4PM, Guns, Clocks, Hunt. Lisc., Baseball Memorabilia, Antiques, Primitives, Household. Located In The Schnecksville Fire Co. Pavilion, Route 309, Just N. Of Allentown Pa. (Lehigh Co.). Tim Wotring, Auct.

WED. APR. 21 - 7:30PM Feeder Sale, Four States, Hagerstown, Md.

THURS. APR. 22 - 11AM Two Outstanding Herd Dispersals at The Shady Lane Dairy Sales, Inc. ¼ Mile West of Quarryville, Pa. 100 Head Registered and Hi Grade Holsteins. Shady Lane Dairy Sales Inc

PUBLIC

* * *

AUCTION

* * *

Friday, April 30,

3:00 p.m.

BRICKERVILLE FIRE HALL, LITITZ, PA.
Hopeland Rd., Just Off Rt. 322, West of Ephrata

QUILTS * COVERLETS * JEWELRY * OLD TOOLS & TOYS * FURNITURE * COINS * CARS *

QUILTS & COVERLETS - Green/white Interlocking Circle; 9 Patch, Crazies; Bow Tie; signed Fehr & Kech; Emmaus, Henry Oberly; Wolmelsdorf Boston Town; Double Woven Snowballs; Pine Tree Borders, and others.

ART GLASS & POTTERY - cameo glass vases; signed, set of 3 pulled feather Quezel shades; Quezal gold irridescent; 2¼ " Handel shades; Rookwood vases; Loetz vase; asst'd stoneware & crocks; Staffordshire; Ironstone; Depression glass; etc.

JEWELRY - American Indian silver & turquoise rings-bracelets - jawclaws - squashblossoms - many signed; Rings 10 ct. Ruby w/9 diamonds; 14 ct. w/topaz; 14 ct. emerald; 10 ct. ruby-diamonds; many other pcs. and designer costume; **POCKET WATCHES:** Illinois, Hampton, Yankee, etc.

FURNITURE: Walnut Burl Front Vict. Slant top desk, Assayer's desk; Oak & Wicker cradle, Oak: sideboard, dresser, vanity, file cabinet; 5 leg drop leaf table; treadle sewing machine; asst'd chairs; rockers; plank bottoms; morris chair; etc.

OLD TOOLS: Grain cradle; nail maker's bench; schnitzelbank; augers; axes; routers; guages; levels; planes; some stanley, etc.

OLD TOYS: Child's wooden wagon; hi-lo wagon; lots of marbles - some shooters - Hess Trucks; Buddy-L Tanker; Hubley Truck; Winross trucks; pedal car; child's green willow tea set; school desk & chair; doll trunk; Scout cap pistol; blocks; books; blackboards; etc.

COINS: Over 100 lots mint sets; proof sets; Morgan and other silver dollars; Barber halves; dimes; nickels; cents and some foreign; etc.

OLD MISC: Hunting & fishing licenses; postcards; fishing creel; political buttons; baseball cards; **Stamp Collection** - 50 lots and volumes; old carriage parts - hitches, turning gears; buggy lantern, wheels; old books; decoys; golf clubs; agateware; picture frames; porcelain.

NEW - USED - HOUSEHOLD: 10 bicycles (some 10 speed) Peugeot, Schwinn, Higgins, etc., Kawasaki, Yamaha & Honda motorcycle; lawn mowers; TOOLS: pipe wrenches; sockets; table saw; grinder; circ. saw; chain saw; router & table; drills; jig saws; FURNITURE: Oak conference table w/6 chairs; sofa bed; porch rockers; new wickers; wicker children's sets; piano; organ; 19 in. color T.V.; elec. hospital bed; microwaves; lamps; etc.

MANY BOX LOTS - books, records; linens; dishes; toys; games; tools; TOO MUCH TO LIST!!

Vehicles 63 Mercury Met.; 82 Pontiac Gran Prix; 72 Winebace 24'; Golf Cart; all running condition.

Auctioneer's Note: INSPECTION @ 1:00 p.m. Over 600 lots! Auction starts in lower room with box lots and household goods. Antiques and collectibles at 4 p.m. in the main hall. Two auctioneers selling throughout the evening. Everything must be sold! For additional information call 717-235-0693 or 717-334-8869.

C.A. CAPLE, AUCTIONEER
AU-001670-L
427 Baltimore St.
Gettysburg, Pa. 17325
717-334-8869

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

THURS. APR. 22 - 11AM 110 Registered & Grade Holsteins, Herd Dispersal. Intercourse, PA. For Miller-Homestead Holsteins, James & Kenneth Miller, 59 Shady Rd., Christiana, PA. Stonehurst Farm.

THURS. APR. 22 - 12 Noon, Cranes, shop equip, computers, scaffolding, cable, lg. qty valves & fittings, transformers, titanium tubes. Located at the SBS Surplus Recovery Warehouse, off Rt. 13, in marcus Hook, PA (Exit 2 off I-95, approx. 10 miles south of the Phila. Intl Airport) Sealed Bid Services.

THURS. APR. 22 - 4PM, Ag Equipment Co. Complete Dealer Liquidation Auction Located Rt. 63, Oakfield, N.Y. Approx. 7 Mi. N Of Batavia On Rt. 63 Just S. Of Oakfield. Roy Teitsworth, Inc Sales Manager & Auct

THURS APR 22 - 5PM Fine office furnishings & equip Held at the Horst Auction Center, located at the corner of Rt 322 & Durlach Rd. (approx. 2½ miles west of Ephrata, Ephrata, Pa. For Ferguson & Flynn Enterprises, Inc. Horst Aucts

FRI APR. 23, Doug & Sue Clark Complete Herd Dispersal, 110 Head All Al Bred For 30 Years. Young Herd With Great Udders Averaging 60 Lbs. Per Day On Just Hay & Grain. Located Franklin, VT. Reg Lussier, Auct. Northeast Kingdom Sales, Inc.

FRI. APR. 23 - 10AM, Farm Machinery. Located At Rose-Lo Acres, 6537 Roxbury Road, Shippensburg, Pa. If Traveling I-81, Use Exit 10 (King St., Exit) To Shbg., Turn Left On King St. Appr. 1 Mile To Roxbury Road, Sale Is Appr. 7½ Miles From Shbg. Watch For Sale Signs. Larry D. & H. Louise Rosenberry Robert R. Foust, Auct.

FRI. APR. 23 - 10AM, Complete Retail Store Inventory For Creative Dreams Unlimited, Inc. Located On The Premises At 3120-3136 Hamilton Blvd., Allentown, South Whitehall Twp., Lehigh County, Pa Robert H. Clinton, Auct

FRI APR 23 - 10AM, Bruce Barnhart Farm Auction. Located At The Farm On Osborne Hill Road - 2 Miles South Of Nichols, N Y. Turn Off Rte. 282 (Pa 187) At Cole's Service Station In Nichols Onto Roki Blvd. To Osborne Hill Road. Watch For Arrows Off Rt. 282 South. Owners, Bruce & Arlene Barnhart Howard W. Visscher, Sales Manager & Auct.

FRI. APR. 23 - 11AM, Triple R Farms (Neal Bros.) Complete Dispersal Auction. Located At The Farm On Rt. 26 In North Pitcher. North Pitcher Is 8 Miles North Of Cincinnatus. Owners, Triple R Farms Radley, Robert & Randy Neal Mel Manasse Sales Manager & Auct.

FRI. APR. 23 & SAT. APR. 24 - 10AM, The Great North American Draft Horse & Mule Auction. Fri.- Tack & Draft Horse Related Items. Sat.- Draft Horses & Mules, Donkeys, Buggy Horses. Located Bedford Co. Fairgrounds, Bedford, Pa. Jim Johnston & Paris E. Koser, Aucts.

FRI. APR. 23 - 11AM Real Estate auction, bed & breakfast, 16 rooms, restaurant, lounge. Three Center Square Inn, Maytown, Pa. Wm. F. Comly & Son, Inc.

FRI APR. 23 & SAT. APR. 24 - 1PM, Sat.- 9AM. Valuable Antique Furniture, Grandfathers Clock, General Antiques Faience Steins, Early Pewter, Glassware, 1965 Mercedes Automobile. Located At Springetts Fire Co. Social Hall, 3013 East Market St., York, Pa. Gilbert & Gilbert, Aucts.

FRI. APR. 23 - 12:30PM, Reg. Jersey Dairy Herd Dispersal. Located Approx. 5 Miles West Of Lewisburg, Pa., ½ Mile North Of Vicksburg Off Route 45, On Beaver Run Road, Union Co. Owner, Carol Keefer, Wayne M. Hess & Lori Hess-Lauver, Aucts.

FRI. APR. 23 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

FRI. APR. 23 - 2PM, Grass & Feeder Cattle Sales. Located At Preston Farmers Market, Inc., Sanders St., Terra Alta, W.V. Leonard Custer, Auct.

FRI. APR 23 - 5:30PM Real estate, vehicles & travel trailers, body shop and garage equip., carpenter tools. Located on Rt. 641 - Carlisle, Pa., 825 Newville Rd., next to Fireside Inn, directly across from Carlisle Rent-a-Space. Judy Perry, owner. Kling's Auctions, Inc.

FRI. APR. 23 - 6PM Guns/ fishing consignment. Dwight Miller's Auction Center, ½ block E. of sq. in Bethel, Berks Co., Pa. Dwight D. Miller, auct.

FRI. APR. 23 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

FRI. APR. 23 - 7PM Project Show Pig and Lamb Sale, Elizabethtown Fairgrounds, west on Rt. 230 to Elizabethtown Square, turn right onto High St., go approx. 1.5 miles to fairgrounds on right. John D. Stauffer, auct.

FRI. APR. 23 - 7PM, New York Bull Test Sale. Located Livestock Pavilion Cornell Campus, Ithaca, N.Y. Jeanne White Sale Chairperson. Debbie Ketchen Bull Test Coordinator.

2 AUCTION SALES
BY ORDER OF SECURED PARTY
LUMBER, HARDWARE STORE
REAL ESTATE, VEHICLES,
FORKLIFT
APRIL 27 & 28 -
POCONO LAKE, PA
(ROUTE 940)
MAY 4 & 5 - SCOTRUN, PA
(ROUTE 611)
S & S LUMBER COMPANY
CONTACT AUCTIONEER
FOR ILLUSTRATED BROCHURE

ESTABLISHED IN 1834
COMLY Auctioneers
WM. F. COMLY & SON, INC.
1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500 (215) 634-0496 Fax
PA AUCTIONEERS LICENSE NO. RY000087-L

PUBLIC AUCTION
AT RUDNICK'S SALES, ROUTE 213, GALENA, MD
SATURDAY, APRIL 24th
AT 9:00 A.M.

Furniture and Antiques from Wilmington, Newark and Kent Co. Md. Carved Tapestry Sofa with Matching Chairs, Birdseye Maple Bureau, Pair Tilt Top Tables, 4 Poster Rope Bed, Duncan Phyfe Love Seat, Carved Ebony Bench, Ornate Gilt Framed Mirror, Leaded Glass Cabinet, Antique Chair Frames, Mahogany Carved Pedestal D.R. Table with 3 Leaves, Crocks, Brass Wall Light, Ant. Spool Arm Chair, Framed Hunting Prints, Gateleg Table, Etc... Q.A. Style Dining Room Set, Wood Etegere (Lighted) Breakfast Set, 3 Pc. Sectional Sofa, Wicker Style Twin Bedroom Set, Cherry Dressing Table, Hide-a-Bed, Recliner, Metal Porch Furniture, Refrigerator, 10 HP Craftsman Riding Mower 5 Spd. 30" Cut, Lawn Tools, Etc., 1971 Dodge Dart Swinger 2 Door Automatic 35K Miles, French Glass Showcase, Cherry Tall Case Grandfathers Clock, Doll Furniture, Heisey, Fostoria, Depression Glass, Cut Glass, Pattern Glass, Metal Toy Trucks, Dolls, Lennox, Oriental Items, Hummels, Oil Lamps, Electric Lamps, Prints, Sterling And Silver Plate, Roseville...A Fine Selection of Jewelry and Oriental Rugs.

Our Next Antique and Furniture Sale Will Be May 8, 1993.

Harry Rudnick & Sons, Inc.
Sales Manager, Auctioneers,
Real Estate Broker
Galena, MD 21635
Phone: 410-648-5601

TRIPLE R FARMS (NEAL BROS)
COMPLETE DISPERSAL AUCTION
Rt. 26, North Pitcher, N.Y. (Chenango Co.)
Friday, April 23, 1993 **11:00 A.M.**
Auction to be held at the farm on Rt. 26 in North Pitcher. North Pitcher is 8 miles north of Cincinnatus.

73 - HEAD OF CATTLE - 73
(62 Reg. & Grade Jerseys & 11 Holsteins)

Mostly a homebred herd here w/50 mature cows (41 Jersey & 9 Hol.) 19 Jerseys are milking w/1st calf making all Jerseys ME - 14,995M, 4.7%. Holsteins are 17,057M 3.7%. The herd is in the following lactations - 10 fresh milking to 80#; 8 due May & June; 11 due July thru Sept; 9 due Oct. & Nov; Balance in all stages. Featuring Jersey Sires such as Pal, Royal, Fascinater, Bernard, (2) Top Brass, etc., Watch for an OA Duncan. Watch for Sweetness (Jersey) w/over 20,000 of milk & 1015 of fat in 305 days. Watch for a Holstein w/over 34,000 of Milk. There are also 7 Jersey Bred Heifers, 2 Holstein Open Heifers, 9 Jersey Heifers from started to yearlings, 2 Service Bulls (1 is a Lester out of Sweetness, the 20,000# Jersey).

This is a TPE Herd.

DHIA Transfers and Catalogs at Ringside.

Preg. Examined, Blood & TB Tested and eligible for immediate Interstate shipment day of sale.

A herd here that will suit! Something for everyone! Years of good Breeding! A rare opportunity to buy from a well established herd!

MACHINERY (You will like it)

Ford 6610 4WD diesel Tractor, 18.4x34 rear & 13.6x24 front, ROPS, Dual Power, Has 777F Quick Tach Loader, a beauty; Ford 5610 diesel Tractor Series II Special, 16.9x30 Rubber, Hi & Lo, 475 hrs. since new, sharp; Oliver 2050 diesel Tractor w/ROPS, over & under shift, 20.8x38 Rubber, a horse; (2) Int. 990 Mower-Conditioners (1 good & 1 for parts), Fahr 4 Umbrella Tedder; (2) NH 55 Rakes (1 Good & 1 For Parts); NH 268 Baler w/Thrower; NH 269 Baler for parts; (3) Kicker Wagons on Gears; 30 ft. Skeleton Elevator; **Excellent Tillage** - Int. 710 Auto Reset 4 Btm. Plow; Ford 16 ft. Transport Wing Disc - used 4 seasons and sharp; JD Cultipacker; Almost new Trailer Crop Sprayer, 8 rows & sharp; Int. 56 4 row Corn Planter; JD FB 177B 17 Hoe Disc Opener drill, fertilizer part never used - it's sharp; NH 718 chopper w/1 row corn head & wide pickup head, NH 28 Whirl-A-Feed Blower, nice; Gehl 72 Flail Chopper; (2) Kasten SU Wagons on good gears; NH 717 Chopper for parts (2 Heads); Kilbros #350 Gravity Box on gear, nice; AC Combine w/**AC Gas Motor;** Int. 51 SU Wagon on gear; King Wise Hay & Grain Elevator; NI-Avco 1 row Corn Picker, nice; Wooden Feeder Wagon on Gear; Int. Spreader for Fence Fixing; Brillion 16 ft. Transport Drag; Mineral Feeder; Grain Feeder; Wic Bedding Chopper; Linde XR24 Semen Tank; Endless Belt; Fuel Tanks (150 & 250 Gal.); Chain Falls; Ladders; Cement Mixer; Other small items etc.

Milking Equip. - 6 Hinman Floor Milkers, regular pulsation, 3 have new style Bou-matic Claws; Dumping Station w/Hose; 2 SS Pails; Universal Unit Milker Pump.

Produce - Approx. 800 Bales of good hay; approx 700 Bales of Bedding & Hfr. Hay;

Maple Syrup Equipment: (2) 5x13 SS Boiling Flue Pans; (2) 250 Gal. Tanks; 1430 Metal Buckets w/Lids; Lots of Speils; (2) Holding Tanks (25 Barrel & 20 Barrel).

Special - NH 155 Manure Spreader w/Endgate - bought new in March. PS - A real good Auction here.

Order of Sale - Some small stuff, then Machinery, then Maple Syrup Equip, Produce, then cattle at approx. 1:00

Terms - Cash or Good Checks w/Positive ID. Payment in full day of sale.
Lunch Available

Owners *TRIPLE R FARMS,*
Radley, Robert & Randy Neil
Pedigrees - Margaret Johnson
MEL MANASSE
Sales Manager & Auctioneer
Whitney Point, N.Y. 607-692-4540 / 1-800-MANASSE

The Neals Complete Real Estate will be sold at Absolute Auction in June by Mel Manasse.

LAMOKA VALLEY FARMS
COMPLETE FARM DISPERSAL
CATTLE - MACHINERY - PRODUCE
WED., APRIL 28, 1993 9:30 A.M.
TYRONE (SCHUYLER CO.) NEW YORK

Sale to be held at the former Larry Howell farm on State Route 226, 1 mile south of Tyrone. (11 miles north of I-17 Exit #40 at Savona or 7 miles south off Route 14A between Dundee and Watkins Glen.)
Discontinuing farming, absolutely selling without reserve will be:

161 INTERSTATE TESTED HOLSTEINS 161
3-29-93 D.H.I. (official) R.H.A. 17,589M 3.7F 650F 3.2P

Herd consisting of: 80 Milking Age Females, freestall and parlor trained, of year around freshening; 39 bred heifers with 2 yr. old Hereford bull (bull also sells); 12 breeding size open heifers; 29 heifer calves newborn to short yearling age; Cattle will be Blood and TB Tested for interstate, pregnancy examined and inoculated against shipping fever sickness. Truckers available.

TRACTORS-SKID LOADER: Case-IH 1896 Mechanical Front Wheel Drive, cab with air and heat, 2 hyd. remotes, 18.4-38 rear and 14.9-28 front rubber, only 600 hrs.!; Case 2290 tractor, cab with air and heat, 2 hyd. remotes, 20.8-38 rubber; Case 1370 tractor, cab with air and heat, 20.8-38 rubber; Case 870 diesel tractor, 18.4-34 rubber; AC WD-45 wide front tractor with 3 pt. hitch; Ford 5000 tractor selling complete with front end loader, standard trans., 15.5-38 rubber; Case 1835 skid steer loader with gas engine.

TRUCKS-TRAILERS: 1990 Ford F250 XL 4x4 pickup, 5 sp. standard trans., 5.8, V-8 engine, 32,000 miles; 1982 Ford F350 farm pickup, auto. trans., 4x4 (4x4 not working); "Hook On" 18 ft. 5th wheel livestock trailer; Redi-Haul 16 ft. 5th wheel tandem axle trailer with hoist and grain racks GVWR 15,500.

FIELD CROP AND HAYING TOOLS: Woods 84 in. 3 pt. rotary mower; NH 258 rake; Gehl 4 umbrella tedder; 1992 NH 411 discbine; NH 277 baler with "super sweep" and thrower; 4 wooden rack kicker wagons; Gehl CB-1000 chopper with 2-row snapper head, 2-row corn head and hay pickup head; Hesston 2000 chopper with 2-row snapper head; Gehl 1580 blower, like new; NH 716 forage wagon, 3 beater with roof on tandem gear; 2 Badger BN950 forage wagons, 3 beaters with roofs; NI 2-row corn picker; 2 gravity wagons; NH 40 ft. bale grain elevator; Smoker 32 ft. elevator; Aluminum 20 ft. single chain elevator; Hyd. tailgate auger; White 5100 6-row corn planter with dry fert. boxes; IH 510 grain drill with dry fert. box; AC 66 combine; Walsh new style 500 gal. trailer sprayer with 40 ft. booms and electric control valves; Case 6-row 3 pt. cultivator with "S-tine" teeth; Brillion 20 ft. field cultivator; White 598 semi-mt. 5-b. variable width, spring reset plow with coulters and IH bottoms; Case-IH 475 20 ft. hyd. fold disk with "Rock-Flex suspension"; Badger 6 ft. 3 pt. snow blower; truck bed trailer with hoist; skid steer trailer; farm utility trailer; 3 skid tanks, 2 with electric pumps; Sets of 20.8-38 snap on duals, 15.5-38 snap on duals and 18.4-34 snap on duals; 200 gal. fiberglass tank; Homelite 8P215-1A transfer pump.

BARN AND LIVESTOCK EQUIPMENT: R & M II computer feeder with 4 stations and approximately 100 transponders; Badger roller mill, like new; Pincor 30KW alternator on cart; Brock 15 ton taper bottom bin; Mr. Farmer 8 ton taper bottom bin; Gehl 95 grinder mixer; Gehl 125 manure spreader with endgate; NH 518 single beater spreader; Roulx bedding chopper with 8 h.p. Honda engine; 2-48 in. alley fans; 3-36 in. fans; round bale movers and feeders.

PRODUCE: App. 20 ton 1991 ear corn sold in 2 lots; App. 64 ft. x 8 ft. diam. AgBag of high moisture ground ear corn; App. 30 ft. high moisture ground ear corn in 20x60 silo; App. 35 ft. corn silage in 22x60 silo; App. 20 ft. haylage second cutting in 24 ft. diam. silo; App. 500 bu. oats; App. 200 bu. mixed oats and barley; 6 bags Funks G4106 corn; 6 bags Funks 4160 corn; 3 bags Funks G2852 alfalfa seed; App. 1200 bales straw sold in 3 lots; App. 2200 bales second cut 1992 hay sold in 2 lots; App. 1200 bales second cut 1991 hay sold in 2 lots; App. 1200 bales 1991 first cutting grass hay; App. 2000 bales mixed 1991 and 1992 first cutting grass hay; qty. of mulch hay sold in lots.

NOTE: Lamoka Valley Farms has followed a tradition of top management for years! You can expect to find honest cows, well grown heifers and housed machinery that is field ready for the 1993 season! Lunch Available. Tent and Portajohns on sale site.

SALE ORDER: Machinery at 10:00 A.M.; Produce-Noon; Cattle-12:30 P.M.

Terms: CASH or honorable check day of auction. Acceptable ID required! Nothing to be removed until settled for in full sale day.

OWNED BY:
LAMOKA VALLEY FARMS
RICHARD AND STEVE BAILEY
For Info. Phone 607-292-6901 or 607-292-6214

Auction Conducted by:
James P. Pirrung
PIRRUNG AUCTIONEERS, INC.
Wayland, New York
716-728-2520

PUBLIC AUCTION

AT CHARLES S. SNYDER, INC.

For (Ford Motor Credit/Ford New Holland)

EXCAVATORS, TROJAN WHEEL & M.F. TRACK LOADERS, TRACTOR-LOADER-BACKHOES, BULLDOZER, FORKLIFTS, 25+ TRACTORS, SKID LOADERS, DITCHWITCH(S), SWEEPERS, FARM/HAYING EQUIP., SS HAYBINE, NH & FORD COMBINES, DUMP & PICKUP TRUCKS, TRAILERS, MOWERS, GARDEN & MISC. EQUIP.

9:30 AM SAT., APRIL 24, 1993

Location: 25 Mi. N. of Allentown, Pa., 12 Mi. W. of Lehighton, Pa., 8 Mi. S. of Tamaqua, Pa., along Route 443 (between Tamaqua & Lehighton) West Penn Twp., Schuylkill Co., Pa.

TRACTORS

	HOURS	YEAR
7437 Ford TW20 Cab Air Duals, Nice	4052	
7738 Ford 7710 4WD Cab Air, 4 Remotes	2700	1985
7819 Ford 530A W 3 Point	1328	1982
7828 Allis Chalmers 5040 Gear Turf Tires w/Loader	1723	1980
7844 Kubota L2850 Gear 2WD Turf Tires w/Loader		
7856 Farmall Super C		
7866 International 584 Diesel w/2200 Loader	879	1981
7872 Ford 9N Nice		
7875 International 300 Utility w/Fast Hitch		
7900 Case 530 2WD Gas	3807	
7912 Ford 8600	1742	1973
7919 Ford 6600 3 Remotes	2145	1980
7924 Ford 4630 2WD w/7209 Loader	68	
7932 John Deere 2550 2WD	1113	1987
7936 Ford 6600 Turbo w/Cab Dual Power	4447	1979
7937 Case 885 2WD Diesel	1420	
7949 Ford 9N Painted, Real Nice		
7955 John Deere 2940 2WD	4660	
7961 Ford 8600 2WD		
7977 Ford 8600 w/Cab	2452	1975
7981 Ford 810 Gas SOS		
8035 Massey Ferguson 1155 V8 Diesel	5620	1983
Ford 8730 Power Shift 4WD		

INDUSTRIAL

7151 New Holland L555 Skid Loader w/Bucket	2056	
7745 Fiat Allis Bulldozer 14CITI17	2601	
7765 International 340 TLB		
7819 Ford 530A Tractor Turf Tires w/3 Pt.	1328	
7837 Ford 555B TLB 2WD Cab 2L	1325	
7840 International 260A Diesel TLB 4 Lever Rops		
7881 New Holland L553 Skid Loader w/6' Bucket	2073	
7885 Massey Ferguson 500 Track Loader 4 In 1 Bucket		
7886 Ford 555B TLB 2WD Cab 2L	2858	1985
7893 Ford 545 TLB		
7902 New Holland L445 Skid Loader w/Bucket	1003	
7904 Ford 455C TLB Cab 2 L 4WD	581	1990
7918 New Holland L781 Skid Loader w/70" Bucket (New Motor)	1860	1987
7927 New Holland L785 Skid Loader	1537	
7941 Ford Fork Lift 4000 Lb. 12' Mass Gas		
7946 New Holland LB620 Loader w/Hoe	1031	1987
7953 John Deere 310 TLB 12" 18" 24" Bucket		
7957 Ford 7500 TLB 18' Hoe		
7959 International 4500B Forklift 4 Post ROPS	1831	
7960 Ford 755 A TLB Cab 21 Foot Hoe		1985
7963 NH L785 Skid Loader Perkins Diesel	2146	
7973 John Deere 450B Loader		
7987 Mitsubishi Excavator MS 180-8	2450	1986
7993 New Holland L785 Skid Loader w/Forks & Bucket	363	1988
Trojan 1500Z Wheel Loader	2795	1987
Trojan 2000Z Wheel Loader	4596	1985
8017 Mitsubishi 70 Excavator	2906	1985
8036 New Holland L555 Skid Loader	874	1987
8041 Mitsubishi 90 Excavator	5654	1984
Ford 555B TLB 4WD	666	
Ford 755A TLB		
Ford 6555 TLB 4WD	437	1987

COMPACT TRACTORS

7764 Massey Ferguson 1010 4WD 48" Mower	465	
7824 Kubota L175 2WD Turf Tires	370	
7967 Ford 1120 4WD Hydro Turf Tires	108	1989
7978 Ford 1210 4WD Hydro Turf Tires 60" Mower	212	

FARM EQUIPMENT

7023 1495 Diesel Haybine Hydro Air Conditioner		
7346 1495 Gas Planetary Full Cab, Air Conditioner		
7631 New Holland 975 Combine w/2 Heads		
7772 Ford 620 Combine, Gas w/13' Head		
7812 New Hollnad 962N6 6 Row Narrow Corn Head		
7818 New Holland TR70 Gear Diesel Cat Engine	1048	
7926 New Holland 707 1 Row Corn Head		
7991 Massey Harris 82 Combine, Gas 6 Cyl.		
6518 Ford 140 Plow 5-16" Semi Mount Trip Plow		
7162 New Holland 315 Baler w/Thrower		
7231 Ford 241 18' Disc w/Wings		
7282 New Holland 782 Harvester w/Elec Controls 2 Row Head		
7482 New Holland 357 Grinder Mixer		
7520 New Holland 256 Hay Rake (Steel Teeth)		
7536 Ferguson 2 Row Cultivator 3 Pt.		
7693 New Holland 770 Harvestor w/2 Row Corn Head		
7718 Lamco Harvester Box 14'		
7759 John Deere 336 Baler w/Kicker		
7760 New Holland 411 Discbine		
7773 Brillion Harrow 16'		
7779 New Holland 156 Tedder Pull Type		
7799 Ford 4 Row Cultivator 3 Pt.		
7806 Harley TR38 3 Pt. Power Rake 8'		
7838 Brillion GLP-642 5' Seeder w/Roller		
7851 Jerr-Dan 505 16' Wooden Hay Wagon w/Running Gear		
7860 New Holland 520 Spreader Single Beater		
7867 Grove 505 Wooden Hay Wagon w/Running Gear		
7880 New Holland 38 Crop Chopper		
7895 Glenmac Power Rake Harley TR36 3 Pt. Power Rake		
7913 New Holland 213 Box Spreader		
7917 AC 330 8 Row No Till Planter		
7922 New Holland Running Gear w/15" Tires & Rims W		
7931 New Holland 144 Windrow Inverter		1988
7945 United Farm Lime Spreader PTO Drive		
7964 New Idea 402 R-207 Hay Rake		
7966 International 3-12"		
7976 International 642 3-16" Roll Over Plow		
7985 Deutz KH300 Pull Type Tedder 2 Star		
7988 New Holland 411 Discbine 540 PTO		1988
7994 New Holland 680 Spreader w/End Gate Slurry Sides		
7996 International 2-14" Trailer Plow		
8038 New Holland 570T Baler w/Chute		
Mixer Wagon		

MISCELLANEOUS

6081 Ford Industrial Irrigation Pump		
6418 Kik Way Fork Lift F/2000 & 3000		
6986 Mayrath Auger 4"x16'		
7770 Verneer Tree Digger F/NH785		
7790 36' New Holland Elevator w/1 HP Motor		
7792 International U9 Power Unit 4 Cyl.		
7808 Ford 60" Loader Bucket F/ Ford TLB		
7810 FMC DP10032AR Sprayer w/Pump & Fan 100 Gal. 3 Pt.		
7821 FMC DP203 Sprayer 3 Pt. 100 Gal. w/Bean Pump		
7836 Befco 250 3 Pt. Tiller		
7859 Befco 258 3 Pt. Tiller		
7863 Century Sprayer on Tandem Trailer w/36" Boom 500 Gal.		
7884 Befco 150 3 Pt. Tiller		
7887 Dual Loader w/48" Bucket & Valve		
7895 Harley TR36 3 Pt. Power Rake 6'		
7899 Befco 258 3 Pt. Tiller		
7914 6' Snow Plow Blade		
7920 Ford 84" Industrial Loader Bucket		
7926 New Holland 707 3 Pt. 1 Row Harvestor w/1 Row Corn Head		
7935 Ford 783B 3 Pt. Rear Blade 7' (New)		
7939 Ford 60" Bucket F/7106-7108 Loader		
7942 1 Arm Loader F/800		
7948 Weberlane Dump Cart (New)		
7968 New Holland B124 Backhoe Attachment F/785 Skid Loader		
7986 Gannon 4 In 1 Bucket F/555 or 785W/Boom Hyd.		
10' Big Truck Snow Plow F/Tractor		
Ford Tires Turfs 2-25x8.5		
Ford Tires Turfs 2-13.6x16		
Ford Tires & Wheels Ag Tread 9.6x16		
Ford Tires & Wheels Ag Tread 14.2x24		

VEHICLES & TRAILERS & SWEEPER

Ford Pickup F150 Crew Cab		1983
GMC Dump Truck		1981
7008 Eager Beaver Trailer 20-Hal 2 Axle Dual Air Brakes Pinel		
7508 Pinel Hitch Trailer 2 Axle Dual		1978
7835 Trail Boss Pinel Hitch Trailer Dual Air Brakes		
7868 Clarks American Lincoln 3366 SP Sweeper Like New 4 Cyl. Ind. 156.5		1991
7878 Custom Pinel Trailer Air Brakes 2 Axle Dual		1989
7892 Clarks American Lincoln 6100VD SP Sweeper Like New	1.0	
7898 Custom 4TT162ES 4 Ton Mini Tilt Trailer Ball Hitch		1992
7948 Weber Lane Mfg 2007 Super Tilt Trailer 20' 2-Single Axle		
7997 Master Truck Fork Lift DLC-4-16 4 Ton Lift		1990
8011 Eager Beaver Trailer 9 Ton Elec. Brakes		1986
8032 Eager Beaver Trailer 20 Ton Air Brakes		1988
Ditchwitch 4010		
Ditchwitch Pierce Arrow PA4"		

MOWER

7703 El Caldwelltson C-6 6" 3 Pt. Rotary Cutter		
7778 Family Farm Center 3 Pt. 60" Rotary Mower		
7805 Ferris W12 WB Commercial Mower 12 HP Kohler		
7809 Landpride AT2572 3 Pt. 6" Finishing Mower 4 Gauge Wheel		
7834 Woods RM59 3 Pt. 59" Finishing Mower		
7845 Jacobsen F10 Tractor w/Gang Mower		
7861 Landpride 3 Pt. Finishing Mower		
7894 Long 548 14' Flail Cutter		
7903 Ford 916 Mid Mower 48" Ele. Clutch		
7911 Ford 916 Mid Mower 48"		
7915 Ford 916A Mid Mower 48" Ele Clutch		
7930 Ford 915 Mid Mower 60"		
7980 224 Commercial Mower 60" 4WD Hydro	164	
7983 Ford 22-175 Rotary Cutter 3 pt. 5'		
7989 New Idea Flail Chopper Cutter 12'		

LAWN & GARDEN

6726 Troy Bilt WB 8 HP Tuff Cut 24" Self Propelled		
7093 Mackissic 5 HP Chipper Shredder		
7581 Troy Bilt 8 HP Chipper Shredder		
7647 Troy Bilt 3 PH Chipper Shredder		
7713 Sears LT8 8 HP Lawn Tractor w/36" Deck		
7728 V Snow Plow		
7732 Bolens H16XL 16 HP Hydro Lawn Tractor w/48" Deck		
7751 Trac Vac F/3 Pt. Tractor w/5HP Engine		
7781 Ford YT16H Hydro Yard Tractor w/42" Deck		
7783 Jacobsen 16 HP Kohler Lawn Tractor w/42" Deck		
7784 Ford YT16G Gear Yard Tractor w/48" Deck		
7795 Bolens 8 HP Chipper Shredder		
7800 Ford 8 HP Rear Engine Rider w/Deck & Grass Bagger		
7865 Ford LT81 8 HP Gear Lawn Tractor w/38" Deck		
7897 Cub Cadet 1020 10 HP Lawn Tractor w/32" Deck		
7923 Ford 36" Front Mount Snow Blower F/YT16		
7929 Toro 36" Front Mount Snow Blower		
7940 Gilson 42" Front Mount Snow Thrower		
7951 Hahn 5 HP Rear Engine Rider w/Deck		
7958 Ford LGT17 17 HP Kohler Lawn Tractor w/42" Deck		
7962 John Deere 212 12 HP Lawn Tractor w/44" Deck		
7975 Ford TY12.5 Yard Tractor w/38" Deck		1989
7990 Simplicity 17 HP Hydro Lawn Tractor w/48" Deck		

ADDITIONAL TRACTORS

42579 Fiat F130	40	1991
337573 Fiat 65-66 2 Wheel	200	1992
211665 Fiat 45-66 2 Wheel	11	1992
355568 Hesston 100-90 4 Wheel	30	1992
200272 Fiat 80-88 w/Loader	200	1992
194505 Fiat 66-88 2 Wheel	18	1992

EQUIPMENT LIST CHANGED DAILY - MORE ITEMS TO COME

AUCTION NOTE: VERY LARGE AUCTION — COME EARLY, EQUIPMENT IS IN VERY GOOD CONDITION.

TERMS: Cash, Preapproved check or Bank Letter of Purchase Approval. Ford Credit Financing on selected equipment, other terms day of sale.

ON SITE TELEPHONE - 717-386-5945 FAX 717-386-4080

DOUG/TIM HOUSER AUCTIONEERS AU-000446L

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI. APR. 23 - 8PM Complete holstein milking herd and bred heifer dispersal for Fred and Evelyn Handel, Rawlinsville, Pa. Held at Smoketown Quality Dairy Sales, Smoketown, Pa. Rt. 340. Managed by Smoketown Quality Dairy Sales.

SAT. APR. 24, Nursery Stock. Located Village Of Spring Grove, 1 Mile East Of Terre Hill Owner, Formerly Spring Grove Nursery. Nevin Z. Martin & Sons, Auct

SAT. APR. 24 - 8AM, Real Estate, Antiques, Household Goods, Guns & Farm Machinery Located In Mt Pleasant Mills, Snyder County, Pa At Selinsgrove Take Route 35 South 9 Miles To Crossroads, Make Left Onto Route 104 And Travel South 2 Miles, Make Right Onto Buckwheat Valley Road And Travel 1 6/10 Mile And Make Left Onto Dirt Road, Travel 6/10 Mile To Auction Site Watch For Auction Signs Day Of Auction Estate Of Hulda P Mengle Roger A Lauver & Dean E. Longacre, Aucts

SAT. APR. 24 - 8AM Real estate, collectibles and antiques, household items, sharpening machines, power tools, misc., garden tractors. Approx. 50 miles N. of Harrisburg, Pa. at RD #1 Richfield, Pa. Juniata Co Turn S. off Rt. 35 at the County Line Restaurant in Richfield. Travel 1½ miles, turn right and approx. 1 mile to sale site. The estate of Clair J. Carvell. Robert L Leitzel, Tim L. Kline, aucts

SAT. APR 24 - 8AM, New York's Favorite Consignment Auction Huge Array of Farm, Lawn & Construction Equipment From Farmers, Lenders & Contractors Our 23rd Season!! Located Groveland, N.Y. Roy Teitsworth, Inc. Sales Manager & Auct.

SAT APR. 24 - 8:30AM Real estate, ranch style house, antiques, household goods, bank stock, automobile. 12 South 8th Street, Mt. Wolf, Pa., York Co. Estate of Richard K Seitz. Rentzel's Auction Service.

SAT. APR. 24 - 8:30AM Cranes, crawler tractors, loader backhoes, demo hammer, bucket trucks, line equip, piercing tools, landscape equip, trucks, vehicles. Held at Henkel's & McCoy's shop and yard facility on Rt. 295 in Strinestown, Pa. (7 miles north of York, just off Exit #12 on Route 83) Vilsmeier Auction Co., Inc

SAT. APR. 24 - 9AM, Valuable Antiques: Located From Carlisle, Travel Rt 74 N Approx. 10 Mi. At Bottom Of Mountain On Perry Co Side, Turn Right On Pole Cat Rd. 1st Farm On Right From Alinda S. On Rt 74 To Pole Cat Rd. Owner, Wilson Sheibley. Kevin M. Wickard, Auct.

SAT. APR. 24 - 9AM, Furniture & Antiques From Wilmington, Newark & Kent Co Md. Located At Rudnick's Sales, Route 213, Galena, Md. Harry Rudnick & Sons, Inc.

SAT APR. 24 - 9AM, Annual Consignment Auction & Pig Roast Located 7/10 Mile North Of Route 45 Mifflinburg, Pa. On Road To Forest Hill (Turn At Coastal Mart) Don Fogle & Clarence Shirk, Aucts

SAT APR 24 - 9AM, Tools, Automobiles & Parts Located State Hill, Chester Co., Pa , Off Rt 30 North On Rt 10 Approx 3 Miles To Sale On Left, Or At Compass Turkey Hill Take Rt 10 South Approx 4 Miles To Sale Sale By, Joan Martin. Kenneth Griest & John Stoltzfus, Aucts.

SAT. APR. 24 - 9AM farm tractors, lawn & garden tractors, new & used farm equip. Located 7 miles S. of Martinsburg, WV or 14 miles N. of Winchester, Va. off Interstate 81, take Exit #5 (Inwood) Route 51 E. approx. 3½ miles E. of Inwood, WV turn right at Shutts Cash Grocery. Edgar A. Bohrer, auct.

SAT. APR. 24 - 9AM Schaper Bros. New spring Consignment Sale of tractors, all kinds of farm equip , lawn and garden equip, shop, light industrial and recreational equip. Vineland-Brigdeton Pike (Rt. 56) West of Rainbow Lake, Pittsgrove Twp., NJ.

SAT. APR. 24 - 9AM Household goods, antiques, coins, post baseball & football cards. Located bewteen New Holland & Leola, 1½ mile west of Rt. 23 turn off Rt. 23 on North Groffdale Rd. across from Groffdale Mennonite (Brick) Church, Lanc. Co., Pa. By Martin M. & Elizabeth S. Weaver. Robert E. & Jeffrey R. Martin, aucts.

SAT. APR. 24 - 9AM, Antiques & Collectibles, Tools, Household & Misc. Items. Located 3 King Avenue, Shamokin Dam, Pa. Turn Off Routes 11 & 15, At Day's Inn, Onto 8th Ave. Follow Auction Signs To Auction Site. Owners, Theda J. & Luke J. Brinker. Dockey, Dockey-Romberger, Deppen, Aucts.

2 AUCTIONS

TRACTORS: CONSTRUCTION!
FARM MACH! MISC!

1 DAY SATURDAY, MAY 1

9:00 AM - 11:00 AM
Rt. 38 & 38B Newark Valley, N.Y.
9:00 AM Auction

Tractor Cabs, Tractor Rollbars, Tractor Weights, Tractor 3 Points, 100 Tractor Tires, Fenders, 15 Sets Duals, Toplinks, Parts, Cylinders, IHC Hi Crop Kits, Much More!

This auction to last 2 hours...

11:00 AM Auction

50 Tractors, 200 Farm Implements, Construction, New Equip.

Call or write for sale bill. Watch next weeks paper. Consignments Welcome. Come One, Come All The Yard is Full.

GOODRICH AUCTION SERVICE, INC.
Rt. 38 & 38B Newark Valley, NY
607-642-3293 FAX 607-642-3295

PUBLIC SALE

OF BUILDING MATERIALS, LUMBER AND HOG HOUSE EQUIPMENT

SAT., MAY 1, 1993

At 10:00 A.M.

LOCATION: Approx. 4 Miles North of Shippensburg Along Route 11 Cumberland County, PA.

Terms by:

LAWRENCE R. MARTIN
1700 Ritner Highway
Shippensburg, PA
717-530-8443
Lamar Z. Sensenig Auctioneer
Shippensburg, PA
717-532-9160
AU-001803-L

Watch Next Week's Ad For Full Listing

ESTATE AUCTION

Sat., May 1, 1993 - 10:00 A.M.

Real Estate - 1:00 P.M.

Valuable Commercial Real Estate & Personal Property, Antiques, Decoys, Guns, Furniture, Garage Equipment & Tools, Trucks

Sale located at 281 Old Zion Road, North East, MD (Cecil County) just off Route 272 approx. 1½ miles south of the intersection of Routes 272 & 273 at Calvert.

REAL ESTATE- 1.4 acres more or less improved by a large commercial building approx. 73'x45' containing 3,336 sq. ft. Building has 2 large garage bays, showroom, 2 offices, rest rooms, lots of work and storage area. Property is contained by a commercial chain links fence. (Financing available through the present owners).

SHOW DATES: Sat., April 17 - 1:00-3:00 P.M.
Sat., April 24 - 1:00-3:00 P.M.
Or Call Auctioneer for appointment

ANTIQUES- Oak rolltop desk, oak bowfront china closet, oak table, oak chairs, oak washstand, pine dough box, victrola, cane bottom chairs, oil lamps, 20 antique mantle clocks in need of repair, several pieces of oak & antique furniture in the process of being restored, some antique glassware.

DECOYS- Ten handcarved wooden decoys, two lead decoys, one Brandt decoy.

GUNS- 12 gauge double barrel rabbit-carred shotgun, Remington 12 gauge double barrel shotgun, Parker Bros. 12 gauge double barrel shotgun, Winchester 12 gauge pump shotgun, US Springfield hammerlock, Remington 22 bolt action rifle with Weaver scope, glassfront gun cabinet (12 gun).

FURNITURE- 4 pc. bedroom suite, dining room suite (table, 4 chairs, hutch), round glasstop kitchen table w/4 chairs, glasstop coffee table & 2 end tables, sofa bed, 2 recliners, microwave oven, small cherry slantfront desk w/chair, dropleaf table, upright freezer, washer, dryer, gas barbecue grill.

GARAGE EQUIPMENT & TOOLS- Battery charger, 2 welders, large air compressor, spin tire balancer, transmission jack, hydraulic jacks, drill press, tire changer, air jack, acetylene outfit, several new tires (car & truck), hand tools & wrenches, & hand body tools, 3/4" & 1/2" impact guns, nuts, bolts, belts, spark plugs, headlights, oil, batteries, ignition parts, hoses, other garage supplies.

TRUCKS- 1974 Inter. 1 ton w/furniture body, 1978 for F250 4WD Pickup.

OFFICE EQUIPMENTS- Oak desk, modern office desk, 3 desk chairs, file cabinets, very large office safe, National cash register.

OTHER ITEMS- A.C. 12 hp lawn tractor w/ mower & tiller, walk-behind rototiller, lawn mowers, Stihl weed eater, small aluminum boat, motor & trailer.

This is only a partial listing. There are many more items to be sold.

Terms Of Real Estate: $5,000.00 down in cash or certified funds. Settlement to be made within 30 days. Owners reserve the right to refuse or reject any and all bids. Property subject to prior sale.

Terms of Personal Property: Cash or good check

Not Responsible for accidents day of sale

SALE BY:

The Estate Of
Henry J. Montgomery & Others

AUCTIONEER: GEORGE L. GIBNEY
410-658-5649
Food Available

R.E.A. SPRING SALE

Saturday Evening, April 24th, 1993

Sale will be held at Raymond E. Anthony Dairy Sales located southwest of Meadville, Pa.

From The North: Follow Rt. 19 South from the intersection of Rt. 322. Turn onto Carr Hill Road. Watch for signs.

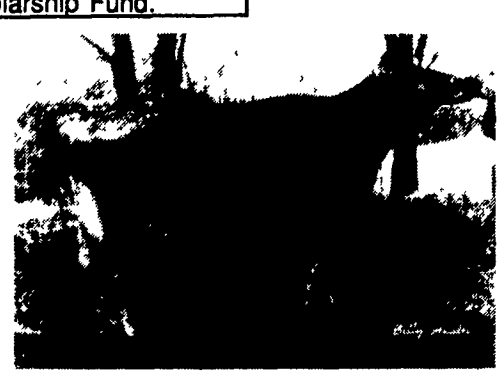
From The South: Go north on I-79 to exit 35. Follow Rt. 19 north approximately 3.7 miles. Turn left onto Bailey Road. Watch for signs.

JERSEY SIRES INCLUDE: Saint, Silver, Beacon, Title, Tristram, June, Silver Jay, Faithful, Performing Legend, Milestone, Advancer and others.

SELLING

VALLEY STREAM JFS JUNE
All proceeds from the sale of this calf will be donated to Pa. Jersey Cattle Club Scholarship Fund.

SJ TITLE ADVANCER SLEEPER



FAITHFUL C ADVANCER SLEEPER

VALLEYSTREAM JFS JUNO

EMPIRE SJ ADVANCER PATRISH

If you work with cattle you will appreciate the jerseys in the McConaughey herd. Rather you milk jerseys or not come and see this fine group.

Clyde McConaughey purchased his first registered Jersey in 1926. My brother Don and I have worked with Clyde and have found him to be honest and straight forward.

With hog, beef cattle and sheep in addition to the dairy he had to sell something.

This is a herd from which you can buy with total confidence.

SELLING: A nice group of Holsteins. Sires include Lindy, Valiant, Triple Threat, Blackstar, Counselor and others.

SELLING: Several project calves including two outstanding Jr. Yearlings by Conquest Their Ex.91. Astro Jet dam made to date over 120,000 in 4 lactations with 4878 lbs. of fat and 4209 lbs. of protein. Her top record being 34,740 4.0 1392 3.5 1201. Their Ex. Granddam has over 150,000 to date with over 6000 lbs. of fat and 5000 lbs. of protein. Her top record to date is over 28,000.

SELLING: Maternal sisters by Phil & Logic. The Logic is fresh, the Phil is due May 17th to Astronaut. Their V.G. 88 Ex. mammary dam made 4 yr. 17,170 4.7 809 3.7 627. Their G.P. Granddam made 6 yr. 19,410 4.4 861 3.4 658.

SELLING: WYNDO VALIANT SUZANNE - ET: This beautiful bred heifer by Valiant sells due in May. Her Ex 91 Ex. Mammary DOM Dam made 190,570 3.6 6936 lifetime with a top record of 30,600 3.6 1094 3.2 992. Her V.G. Granddam made over 20,000 and 100,000 lifetime. Her 3rd dam was EX.

SELLING: DAWNVALE CALYPSO IRIS: A bred heifer by Calypso sells due in July to Mariner. She will show as a Jr. 2 yr. old this year. Her Ex dam made 184,230 3.7 6774 3.1 5692 lifetime with a top record of 30,890 3.7 1132 3.1 971. Her G.P. Granddam made over 20,000.

SELLING: C OAK RIDGES THREAT KEMP - ET: This fine dtr. of Triple Threat should go Ex. She sells fresh milking over 90 lbs. Her Ex. dam made 6 yr. 365 32,569 3.6 1179 3.2 1052. Her G.P. Granddam made 6 yr. 365 27,516 3.9 1069. Both have over 140,000 lifetime.

Sale Managed By:

RAYMOND E. ANTHONY DAIRY SALES

Meadville, Pa.

Sale starts at 7:45 814-336-1936 or Fax: 336-5000 Hog roast at 7:00

Lic. Nbr. AY-000049-L

PUBLIC AUCTION

CHOICE COUNTRY REAL ESTATE CONTAINING 70 ACRES

FRIDAY, MAY 7, 1993

2:00 P.M.

Located in East Chillisquaque Township, Northumberland Co. Milton RD 1, Along "South Mill Road"

Directions: From Lewisburg take Rt. 45 thru Montandon. Angle left on Hobbies Road, Travel ¼ mile. Turn left on Shakespeare Lane. Go ½ mile. Turn right. Auction on right. Signs posted.

Picture yourself in this late 1800's 2 story brick home with open staircase and fireplace. Home contains 3 bedrooms, 1½ baths, large double living room, dining room, and kitchen Wood floors and deep window boxes give this property real country charm

Imagine your family with 70 acres of county to explore, acreage to fence for horses or other livestock and a farm pond to enjoy. Located on this property is a large well constructed barn which affords many possibilities.

Located 5 minutes from Lewisburg; 15 minutes from Danville, Sunbury and Bloomsburg. This property has what it takes to fit almost any buyers needs. Whether first time buyer, enterpreneur, farmer, or someone looking to create truly a gentleman's estate.

Call for an appointment to inspect this property, arrange your financing and be prepared to buy this property on May 7, 1993 For appointment contact auctioneers

Terms: 10% down, balance in 45 days. Broker inquiries welcome.

Owners:

CHARLES J. ANCHOR JR.
NANCY R. ANCHOR

KENNETH E. HASSINGER
RR 02 Box 985
McClure, PA 17841
(717) 658-3536
AU-001532-L

NEIL A. COURTNEY
R.D. #1 Box 239
Richfield, PA 17086
(717) 539-8791
AU-002851-L

AG EQUIPMENT CO.
COMPLETE DEALER LIQUIDATION
AUCTION

Rt. 63, Oakfield, N.Y.

THURS., APRIL 22

@ 4:00 P.M.

NOTICE: This business has been sold to Goodridge Farm Supply and all remaining inventory must be sold. All items sell absolutely without reserve unless noted*.

LOCATION: Approx. 7 Mi. N. of Batavia on Rt. 63 just S. of Oakfield.

SELLING: JD 4450 MFWD C&A*; JD 4040 PS*; IH 2400; Farmall H w/loader; JD 55 combine w/JD grain platform & 335 Cornhead; JD B tractor w/ldr.; Case 930 w/duals; MF 204 forklift; JD 480 forklilft; small inside forklift; Trojan 3000 articulated loader; JD 3940 harvester w/2 heads; NH 1890 w/Auger base & 3R heads; Hesston harvester w/2 heads; Farm hand X630 tub grinder (nice)*; JD 2420 diesel S.P. windrower w/14' head, C&A; (2) NH 717 choppers; NH 36 flail; several blowers; Farmhand dump cart; (2) 479 haybines; 495 haybine; (3) JD 2500 plows, 5&7 Btm; Oliver 4B plow; JD 315 5B plow; JD 2600 5F plow; other 5 & 6 B plows; Brillion 18' cultimulcher; 10' cultimulcher; Brillion 18' field cultivator; Glenco 24' field cultivator; Dunham 12' chisel plow; 4&6 R cultivators; P&H wagon w/1000 gal. fert. tank; gravity wagons w/running gears; JD 7000 12R front fold planter*; JD 7200 12R flex fold planter*; Kinze 4R planter; JD 336 T baler w/ ejector; (2) IH grain drills; fertilizer spreader; JD 870 A tank spreader; Tebin 5 shank sub soiler; 3 pt. backhoe; JD 158 loader; 51' grain auger, like new; IH 1800 dsl. truck w/38' Landall tilt bed trlr; 6x6 truck w/Martin Scavenger 2900 gal. spdr.; 79 Ford L8000 truck w/mixer wagon; GMC truck w/Lucknow mixer; JD 4400 combine w/mudhog & 2 heads; JD 6600 combine (parts); truck w/crane hilift hoist; diesel test stand-tractors; injector pumps; M&W P 344 dynometer; (2) fert. knifers.

ALSO: New & used tractor & implement tires parts & attachments.

APPROX. 40 LAWN TRACTORS: JD 140, 111, 214, 318; Kubota 6200; JD commercial walk behind as well as several other brands & sizes - a nice selection.

Auction schedule - 4 PM Misc. parts attachment & tires; 5 PM Lawn tractors; 6 PM Farm tractors & equipment.

Roy Teitsworth, Inc.
PROFESSIONAL AUCTIONEERS
Sales Manager & Auctioneer
6502 Barber Hill Rd.
Geneseo, N.Y. 14454
716-243-1563

OUTSTANDING PUBLIC AUCTION

SUNDAY, APRIL 25, 1993

1 P.M.

At Little Haps Action Auction, In The Rt. 22 Marketplace (Ollies East) Located Along Rt. 22, App. 8 Miles East Of Harrisburg (Paxtonia Exit 26E Off I-81).

A Fantastic Collection Of Early Glassware (400+ Pieces) From A Large Estate, Along With Primitives, Fancy Lamps, And Furniture To Include: 50+ Pieces Of Early Vaseline Glass Incl. Northwood, Fluted Bowls, Fan Vases, Bowls, Complete Hobnail Water Set And More: **Victorian Brides Basket w/ Amberina Bowl** And **Ornate SP Basket,** Early Bohemian Decanters And Vases (Hand Blown), 10 Pcs. Of Vict. Satin Glass, 17+ Pieces Of Carnival (Northwood, Unusual Colors And Patterns), 2 Quilted Amberina Flasks (HB), Gaudy Welsh Creamer And Plate, Copper And Pink Lustre, 9 Pieces Of Irish Beleek China (Owl Vases Etc.), Lenox China, 42 Pcs. Of Limoges China, Bristol Vases, Early Dark Amethyst, RS Prussia Plate And Sugar (Red Mark), **(2 Vaseline Auto Vases (Rare),** Cut Glass, Hand Blown Cranberry Water Set (Victorian), 13 Piece Set Of Limoges Dishes (Game Birds), 4 Place Settings Of Adams Rose, Majolica Plates, 2 Early HB Cathedral Bottles w/Initials SJG, Royal Baeruth Hair Receiver, RS Germany, Early End Of Day And Spangle Glass, Roseville Bowls, Northwood Custard Glass, 75 Pcs. Of Decorated Ironstone China, Early Art Glass Baskets, Vases, Victorian Urn w/Handles, Early Quilted Biscuit Jar, Miniature Lamps (GWW, Satin Etc.), **Rare Victorian Sewing Bird,** 10+ Handblown Cruets, 64 Pcs. Dark Amethyst China w/Silver Trim, Wedgwood Bowl, Egg Cup Collection, Depression Pitcher, Candle Snuffers, Early Cast Matchsafes, 2 Early Coffee Grinders, Early Brass Spice Grinder, Oriental Items, **Rare WW1 Trench Candles,** 8 Early Quilts, A Selection Of Exquisite Early Lamps Inc. An **Early Flint Glass 27" Swirl Owl Lamp (Rare),** Gone With The Wind And Banquet Lamps, Parlour And Organ Lamps, Slag Glass Hanging Lamp, Five Arm Chandalier w/Prisms, Etc., A Selection Of Early Doll Heads And Dolls Inc. Bisque Heads By Armand Marseille, Heubach, Minerva: Dolls Inc. Compo. Soldier Doll (WWII/MIB), 29" Early Compo Doll w/Heubach Head, Danity Dorothy, Simon & Halbig, Black Compo Doll w/ Dress, McArthur Dolls, Charlie McCarthy, And Hundreds Of Parts/Bodies From Early Dolls Found In Attic, Very Rare Original **Walt Disney Snow White Compo Doll In Orig. Box (Shirley Temple) By Ideal Along With Pipe Organ Store Display By Herbert O. Brown Mfg. 1937,** Schoolhouse And Vict. Clocks, Nutting Print, Other Prints And Pictures, And Other Quality Smalls Not Yet Unpacked. (Note: An Outstanding Selection Of Early Glass. Many Hand Blown, Some Rare. Everything Top Quality.) **Furniture/Sled:** Early Fancy One Horse Sled, **100+ Pcs. Of Furniture** Inc. Oak Bow Front China w/Paw Ft., Early Mahog. Empire Sofa, Vict. Sofa, Nice Small Childs Fainting Couch, Haywood Wakefield Wicker Chair And Rocker, Old Wicker Doll Buggy, Childs Wicker Rocker, Pair Of Poster Beds, Vict. WB Chairs, Martha W. Inlaid Sew Stand, Super Walnut Vict. Pump Organ, Decorated Safe, Table Top Victrola w/Brass Horn, Vict. Hanging Cupboard, Oak Library Tables, DI Table And Kneehole Desk, 2 Serpentine Chest Of Drawers, Sq. Oak Table, Empire Dresser Etc. Along With **Much More** Quality Antique Furniture. **Over 100 Pieces.**

TERMS AND CONDITIONS: Cash Or Approved Check. Preview Sale Day. The Best Antique Sale All Year. Don't Miss It!!

AUCTIONEERS:
JOHN AND TOM GOLDEN
AU-2851 - AU-2584
(717) 540-0339
(717) 652-3525

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. APR. 24 - 9AM RD1 McClure, Pa. Personal property, antiques and collectibles for the estate of Irene Harbst. Hassinger/ Courtney, aucts.

SAT. APR. 24 - 9AM Nursery stock, flowering trees, shade trees, Located along Union Grove Rd. in the Village of Spring Grove. One mile east of Terre Hill. For Mountain Spring Nursery. Nevin Z. Martin & Sons, aucts.

SAT. APR. 24 - 9AM, Rescheduled Public Sale Regis A. Kanefall Estate. Located Take Route 30 To New Oxford Square, Then Turn North Onto Oxford Road 1¼ Miles In Adams County, Pa. (Signs Posted). Executor, David A. Krishinger. Clair R. Slaybaugh, Auct.

SAT. APR. 24 - 9:30AM, Our Spring Farm Machinery Event. Located Jim Trout's Farm, 10104 Dublin Rd., Walkersville, Md. From Rt. 15 Turn On Devilbiss Bridge Rd., Go Straight To 2nd Stop Sign & Turn Left On Dublin Rd. Approx. 1 Mi. On Left. Trout Aucts.

SAT. APR. 24 - 9:30AM, Outstanding Estate Auction Of Antiques, Furniture, China, Glassware, Collectibles, Tractor, Household Items, Trailer. Located At 503 Evergreen Rd., New Cumberland, Pa. Take Exit 17 Off I-83 At Reesers Summit & Follow Signs Park At Fairview Church Across Street From Auction Site Owner, Mary E Kipp Kerry A. Pae & Jeffrey L Knosp, Aucts.

SAT. APR 24 - 9:30AM, Short Notice Sale Of Livestock, Machinery & Equipment. Located Follow Rt 272 South Of The Buck 2½ Miles To Drumore Center, Then West On Osceola Rd ¾ Mile To Farm On The Right. Owners, Samuel B Ebersol & Katie Z. Ebersol Ronald E. Bard, Auct.

SAT. APR. 24 - 9.30AM, Public Auction At Charles S. Snyder Inc For Ford Motor Credit/Ford New Holland. Located 25 Mi N. Of Allentown, Pa., 12 Mi. W Of Lehighton, Pa , 8 Mi. S Of Tamaqua, Pa., Along Route 443 (Between Tamaqua & Lehighton) West Penn Twp., Schuylkill Co., Pa. Doug/Tim Houser Aucts.

SAT. APR. 24 - 9.30AM At J.R. Meats, 1509 Ryan Rd , Fallston Harford Co., Md. Rt. 152 to Oakmont Rd 6/10 mi. to Ryan Rd , rt 4/10 mi. to sale on left Ryan aucts.

SAT. APR. 24 - 9:30AM Real estate, antiques and household goods for Robert W. and Katherine Landis 2860 Weaver Rd., Man. Twp. E.M. Murry Assoc., aucts.

PUBLIC AUCTION

KUTZTOWN Produce Auction, Inc.

R.D. 4, Box 4153-A, Fleetwood, PA 19522
215-683-7161

GENERAL CONSIGNMENT/ EQUIPMENT AUCTION

TUESDAY, APRIL 20th

11:00 A.M.

FLOWER & PRODUCE AUCTION AT 10:00 A.M.

FARM EQUIPMENT: Oliver 77 tractor (gas with hyd), Glencoe 5 shank saoilsaver (pull type), 10' Talorway Disc (HD), JD 10' transport disc, 18' Brady feild cultivator (fold-up wings/buster bar), JD 494A corn planter, Ontario grain drill, NH 68 baler, JD hay rake (old style), 2 flat wagons, JD 68 auger wagon, Badger bale chopper (like new), MF 125 baler with thrower, hay wagon/wood sides.

David Bradley Garden Tractor w/plow, disc & cultivator; 1949 Ford F5 Farm Truck; 1976 Chevy 18' Stake Body 10 Ton Dump Truck (76,000 Miles).

SMALLS: many smalls coming from local stores.

Consignments Accepted until 4:00 PM April 19th.

Sale For Earl Martin & Others.

Coming:

Coming April 27 Lawn & Garden Consignment Auction! Consignments Wanted. Call For Information.

2nd Spring Shrubbery Auction-May 4th
Spring Craft Auction-May 11th
Late Spring Consignment-May 18th
AH-00073L

DIRECTIONS: From Reading 222 N. to Kutztown Exit bear right, then right onto Oakhaven Road to Stop, then left. From Allentown 222 S. to Virginville Exit, turn left to Stop, then right, then second left onto Oakhaven Road, to Stop then left. (Follow KPA Signs).

ANNUAL SPRING HEIFER SPECIAL

NEW HOLLAND SALES STABLES, INC.

SATURDAY, MAY 1, 1993

10:00 A.M.

Sale Barn Located 12 Miles East Of Lancaster, Pa. Just Off Rt. 23, New Holland, Pa.

500 - 600 HEIFERS ALL AGES

Many Lots Of Open And Bred Heifers From Local Heifer Raisers

Small Herds, Breeding Age, Springers And Fresh. Also Several Breeding Age Bulls

Most heifers are calfhood vacc. and have 30 day test for out of state shipment. (All animals preg. checked at sale stable).

Motels and trucks available to out of state buyers.

Note: New Buyers Need Proper Bank References

New Holland Sales Stables, Inc.

Managers:
NORMAN & DAVID KOLB
Home- 717-397-5538
Sale Barn- 717-354-4341

Note: Registered Heifer Sale, May 29th 10:00 A.M.

Cook's Question

(Continued from Page B8)

ANSWER — Mary Moyer, Leesport, wanted recipes for salt raised bread. Thanks to a Johnstown reader, and Kathleen Wolf, Elizabethtown, for sending recipes.

Salt Rising Bread

Starter.

1 cup milk
½ cup flour
½ cup corn meal
1 cup warm water

Scald milk. Remove from heat. In large bowl, mix milk, warm water, flour and corn meal. Cover. Wrap bowl in a heavy towel. Place in a warm place overnight.

Dough:

3 to 4 cups warm water
7 cups flour
1 tablespoon salt
1 tablespoon sugar
4 tablespoons butter

Next morning, add water, flour, salt, and sugar to the starter to make a soft batter. If starter is not light and fluffy, throw out mixture and start again.

Again, cover and wrap and return to warm place.

Let rise until doubled in size.

Place on generously floured kneading board; add butter and remaining flour until a stiff dough can be handled easily. Form into loaves and let rise until doubled in size. Bake 350 degree oven for 45 minutes. Mekes three loaves.

ANSWER — A reader wanted stir-fry recipes Thanks to Janet Erb, Manheim, and Kathleen Murray Wolf, Elizabethtown, for sending recipes.

Stir Fried Sweet & Sour Chicken

2 cups uncooked 1-inch pieces of broiler chicken
2 tablespoons oil
½ cup spring onions, tops included
⅔ cup diagonally sliced celery
1½ cup sliced green pepper
8½ -ounces water chestnuts, sliced
6-ounces frozen snow pea pods
8¾ -ounces pineapple chunks
½ cup chicken broth
¼ cup sugar
1 tablespoon cornstarch
½ teaspoon ginger
2 tablespoons vinegar
2 tablespoons soy sauce
½ teaspoon salt
¼ teaspoon pepper

Heat oil in large fry pan; add chicken and stir fry over high heat for 5 minutes. Add onions, celery, green pepper, water chestnuts. Stir fry for 2 minutes. Add pea pods, pineapple chunks with syrup and broth; stir fry 2 minutes. Mix together sugar, cornstarch, ginger, vinegar, soy sauce, salt, and pepper; pour over chicken and vegetables in pan. Reduce heat and simmer until thickened, about 2 minutes. Do not overcook. Serve over hot rice or Chinese noodles. Makes 4 servings.

Cashew Pork

In a bowl, combine 2 teaspoons each cornstarch and soy sauce and 1 tablespoon dry sherry. Stir in ¾ pound boneless lean pork that has been cut into half-inch cubes. Stir to coat. Add 1½ teaspoon oil and let stand 15 minutes.

Parboil for 5 minutes:

1 medium-sized carrot that has been cut into ¼ -inch cubes. Drain. To prepare cooking sauce, combine ⅓ cup water, 1 tablespoon each vinegar, sugar, hoison sauce, and soy sauce, and ¼ teaspoon each salt and sesame oil.

Assemble remaining ingredients. Heat a wok or frying pan over low heat. Add 1 tablespoon oil. When oil is hot, add 1 cup roasted cashew pieces and stir fry until golden — about 1 minute. Remove from pan and set aside. Increase heat to high and add 2 tablespoons oil. Add ½ teaspoon minced fresh ginger and stir once. Add pork and stir fry until meat is lightly browned, about 4 minutes. Add ½ cup diced bamboo shoots, ⅓ cup thawed frozen peas, and carrots. Stir fry 1 minutes. Add cooking sauce and stir until mixture is thick. Add cashews; serve with rice.

ANSWER — Mary Winters, Elizabethtown, would like a recipe for egg drop soup. Thanks to Kathleen Murray Wolf, for sending a recipe.

Egg Drop Soup

1 large bunch watercress OR 2 cups coarsely sliced spinach leaves
4 cups chicken broth
2 teaspoons each dry sherry and soy sauce
2 eggs
Salt

Wash watercress and discard thick stems. Heat chicken broth, sherry and soy sauce until they boil. Add greens and simmer 2 minutes, uncovered. Beat eggs lightly Remove pan from heat and add eggs slowly, stirring until they form long threads. Add salt to taste.

Calcium Consumption Slows Bone Loss In 50-Something Women

SOUTHAMPTON (Bucks Co.) — Calcium can benefit bone density much later in life than previously believed, according to a recent study in the New England Jounal of Medicine. The two-year study of 122 postmenopausal women at the University of Auckland, New Zealand, found that adult females can curb bone loss and reduce the debilitating effects of osteoporosis by increasing an already adequate calcium intake of 750 mg by an additional 1,000 mg daily. Althea Zanecosky, registered dietitian for Dairy Council in Southampton, PA states, "Post-menpausal women who are already consuming their RDA for calcium- the equivalent of two to three of milk daily- need to add three or more additional servings of dairy foods to their diets."Zanecosky further explains, "An additional glass of milk, a cup of yogurt and a 1 1/2- to 2 ounce serving of cheese will benefit bone health.

AND YOU CAN NEVER START TOO EARLY!

A new study reported in the New England Journal of Medicine shows that if you drink lots of milk as a child, you're more likely to have denser bones as an adult. Following 70 sets of identical twins with ages ranging from 6 to 14, researchers found that healthy children who consumed 1600 milligrams of calcium above the current Recommended Deitary Allowance (RDA) of 800 milligrams had denser bones. According to Althea Zanecosky, registered dietitian for the Dairy Council of Southhampton, PA, the good news of this study is that young children can increase their gain in bone density by increasing their calcium intake. This can be done by increasing the amount of calcium in their diets. The study also suggests that the RDA for calcium may be too low, since many of the twins in the control group (those not receiving the extra calcium) were consuming more than the RDA and were still not achieving maximum bone density.

DIETING DANCERS AT RISK FOR BONE FRACTURES

Ballerinas who diet relentlessly to keep their careers on track may find themselves sidelined by painful stress fractures. Althea Zanecosky, registered dietitian with the Dairy Council of Southampton, PA states, "Health professionals have long suspected a connection between a poor diet and the fractures, which require a dancer to interrupt training for several weeks." Recently, researchers compared the diets of ten young female dancers who'd had fractures in the previous year with those of ten uninjured dancers. It was found that 80% of the fracture-prone dancers allowed their weight to dip below the recommended level for their height, compared with only 40% of the uninjured group. The injured dancers were also twice as likely to eat less that 85% of the Recommended Dietary Allowance for calories and calcium. Zanecosky comments,

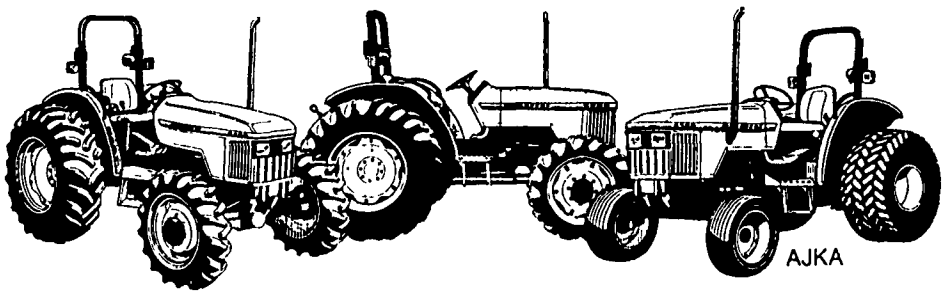
"The findings also have important long-term implications for runners and super-thin young athletes. Because half of bone mass is built in young adulthood, weak bones during these years may translate into a higher risk of osteoporosis later on."

GOOD DEALS from Good Dealers

ADAMSTOWN EQUIPMENT INC. Mohnton, PA (near Adamstown) 215-484-4391
CLUGSTON FARM EQUIPMENT Needmore, PA 717-573-2215
DUNKLE & GRIEB INC. Mill Hall, PA 717-726-3115
FINCH SERVICES-HANOVER INC. Hanover, PA 717-632-2345
GUTSHALL'S INC. Carlisle, PA 717-249-2313
BARTRON SUPPLY, INC. Tunkhannock, PA 717-836-4011
CLUGSTON AG & TURF, INC. Chambersburg, PA 717-263-4103
ENFIELD EQUIPMENT INC. Whiteford, MD 301-452-5252
A.B.C. GROFF, INC. New Holland, PA 717-354-4191
KERMIT K. KISTLER INC. Lynnport, PA 215-298-2011
CARLYLE & MARTIN, INC. Hagerstown, MD 301-733-1873
DEERFIELD AG & TURF CENTER, INC. Watsontown, PA 717-538-3557
EVERGREEN TRACTOR CO., INC. Lebanon, PA 717-272-4641
GUTSHALL'S INC. RD #2 Box 74-A Loyaville, PA
LANDIS BROS. INC. Lancaster, PA 717-291-1046

JOHN DEERE

Get Ready To Farm With New Spirit!



A new spirit in farming is catching on fast. And it will be here soon! It's three new 5000 Series Spirit Tractors. You'll want to find out more about these new 40-, 50- and turbocharged 60-hp tractors because they're loaded with big tractor features at attractive prices.

So don't wait another minute! Come on in and get ready to farm with Spirit!

JOHN DEERE

Farm With Spirit...

SAFETY live with it

SAFETY live with it

LEADERSHIP AT WORK

Poultry Majors Have Something To Crow About

UNIVERSITY PARK (Centre Co.) — The recent increase in public concern about dietary fat and cholesterol has helped fuel a growth in the consumption of poultry meat. As the poultry industry has grown, Penn State is helping to fulfill a need for qualified college graduates.

"A continuous supply of properly trained young people is required to fill many production, supervisory, management and technical positions," says Dr. William Weaver, professor and head of poultry science in Penn State's College of Agricultural Sciences. "Unfortunately, the needs of the industry have far outstripped the availability of graduates trained in poultry science."

Poultry meat is the number one meat consumed in the U.S., with per capita consumption topping 90 pounds annually. Several of the large broiler companies produce more than $1 billion per year in sales.

Segments of the egg industry also have grown rapidly. Although per capita consumption of whole eggs has fallen, the sale of processed egg products has risen as much as 18 percent annually and has the potential to grow even larger.

"Students entering the poultry industry today must understand and be trained in disciplines such as business management, finance, business, and agricultural law and international trade," Weaver says. "They must have good interpersonal and communication skills. And they still need a good working knowledge of poultry science and the different aspects of the poultry industry."

The undergraduate curriculum in Penn State's poultry science department is undergoing major changes to ensure that appropriate courses are being offered.

"Several poultry courses in our department are being updated," Weaver says, "and others taught outside the department are being added to give students the tools they need to become industry leaders in the next century."

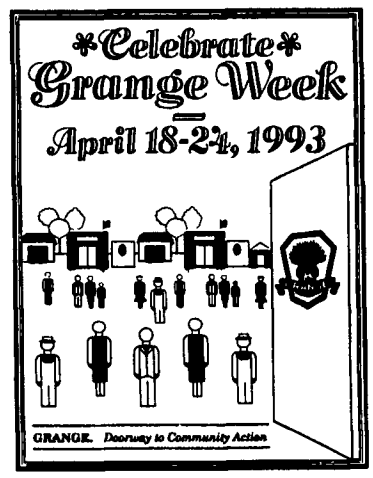
Grange Auction, Supper

KENNETT SQUARE (Chester Co.) — An indoor auction with a soup and sandwich supper is planned to benefit the Chester-Delaware Pomona Grange on May 1.

The auction will begin at 7 p.m. at the Honey Brook Grange Hall. The supper, which includes a variety of cakes, will cost $5, and is served from 4 to 6 p.m.

Proceeds from the event will be used for community service projects, including the purchase of a TTY fo the Chester County Dept. of Emergency Services.

For ticket information, call (215) 268-8476 or (215) 593-6451.



Search for County Dairy Princess Candidates

HARRISBURG (Dauphin Co.) — Once again, the Pennsylvania dairy industry is seeking candidates to serve as County Dairy Princesses in their local area throughout the State. All single young women from a dairy background or with an interest in the dairy industry should consider devoting a year of their spare time helping to further the interests of that industry in their home county.

The 1993 winner will serve the county dairy industry for one year beginning on July 1. She will make many appearances at schools, malls, and grocery stores and have the opportunity to speak to civic clubs, senior citizens groups, farm and non-farm audiences, and to appear on television and radio. In addition, she will represent the dairy industry in parades and at fairs and will represent her county at the Pennsylvania Dairy Princess Pageant in Harrisburg on September 16-18.

The winner of the county pageant will receive numerous gifts, a scholarship, and will attend three days of training at Lycoming College, Williamsport. Non-material benefits include tremendous personal growth, development of self confidence and speaking ability, the opportunity to travel and meet new friends.

The Pennsylvania Dairy Princess receives a $1,200 cash award with $600 going to each of her alternates. The State title is honorary and there is no interruption of school or employment commitments. The State Pageant is coordinated by Pennsylvania Dairy Princess and Promotion Services, Inc.

Any single woman between 16-24 years of age, never married, and whose parents or guardians are engaged in dairy farming or are employed in a dairy related industry is eligible to compete for the title. A young woman is also eligible if she, herself, is employed as above or is the owner of at least two animals of the six major dairy breeds in a bona fide 4-H or FFA project prior to May 1, 1993.

Anyone interested in entering the County Dairy Princess contest should contact the chairperson in the county in which the candidate resides. A listing of county chairpersons follows:

Adams: Scott Deputy, (717) 259-7289; Armstrong: Charlene Bundy, (412) 297-3034; Beaver-Lawrence: Robert Reno, (412) 336-6631; Bedford: Nicole Childers, (814) 652-5376; Berks: Deborah Dietrich, (215) 678-7534; Blair: Vevala McCutcheon, (814) 684-5028; Bradford: Larry Brown, Rome, (717) 247-7195; Bucks-Montgomery: Tanya L. Martin, (215) 795-0454; Butler: Bev Everly, (412) 637-2667.

Cambria: Mary Beth Lieb, (814) 948-5902; Centre: Mary Ann Zimmerman, (814) 383-4582; Chester: Vera Rohrer, (717) 529-2803; Clarion-Venango: Martha Wagner, (814) 755-4917; Clearfield: Mary Ann Way, (814) 765-6438; Clinton: Dee Courter, (717) 726-4072; Columbia-Luzerne: Albert Hack, (717) 752-2557; Crawford: Junia Iziminger, (814) 694-3095; Cumberland: Roy L. Coover, (717) 766-1053.

Dauphin: Tonya Scholl, (717) 362-8158; Elk: Esther Pontzer, (814) 885-8364; Erie: Melanie Bachman, (814) 438-7376; Fayette: Myra Pirowar, (412) 438-8631; Franklin: Julia C. Meyers, (717) 369-2209; Fulton: Richard Glenn, (717) 485-4797; Huntingdon: Shirley Heeter, (814) 259-3427; Indiana: Charles Lockhart, (412) 397-2575; Jefferson: James H. Grant, (814) 265-0640; Juniata: Pat Faultzner, (717) 527-2501.

Lancaster: Donna Kreider, (717) 284-4776; Lebanon: Sue Werner, (717) 865-5727; Lycoming: Pat Hipple, (717) 998-2445; McKean: Jean P. Stratton, (814) 887-2244; Mercer: Wendy Pfaff, (412) 588-7551; Mifflin: Marlene Smoker, (717) 935-5346; Northampton: Nancy Hower, (215) 588-7508; Perry: Patti McLaughlin, (717) 582-4847; Potter: Judi Turton, (814) 848-7204.

Schuylkill: Elaine Moyer, (717) 385-2694; Somerset Barbara Brandt, (814) 267-4701; Sullivan: Mary Lambert, (717) 924-3356; Sun: Janet Reynolds, (717) 538-2068; Susquehanna: Susan Gesford, (717) 278-2908; Tioga: Bonnie Baker, (717) 549-7931.

Warren: Robin Taydus, (814) 436-7658; Washington-Greene: Diana Bissett, (412) 356-2377; Wayne: Daisy M. Dix, (717) 448-2941; Westmoreland: Wayne Fry, (412) 668-2833; Wyoming-Lackawanna: Judi Johnson, (717) 222-4492; York: Pamela Kilgore, (717) 862-3117.

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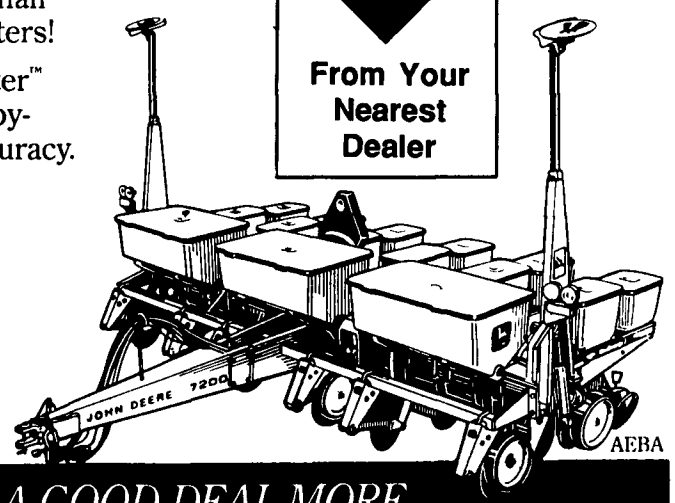

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Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. APR. 24 - 9 30AM, Antiques, Tractors, Farm Machinery, Household Items, Guns. Located From Exit One Of I-83 Go East On 851 8/10 Mi TR On Tolna Then 2/10 Mi TL On Deer Creek To Prop One Mile. Owners, Richard & Pearl Orwig C. Martin Heaps & Stanley Bucher, Aucts.

SAT. APR 24 - 10AM, 2 Tractors, Farm Equipment & Butcher Tools Located Go 1½ Miles North On Route 15 From Tedd's Landing And K-Mart Then Turn Onto Line Road #2, Continue To Sale Site Owners, Howard L. & Neva E Reitz Mark J. Jones, Auctioneering Service

SAT APR 24 - 10AM, 17 Acre Farmette Located One Mile North Of Hegins, Schuylkill County, Pa , From I-81, Exit 34 Road On South Side Of Mahantongo Mountain, Watch For Auction Sign At The Third Property Owner, Irma R Gable Mike & George Deibert, Auct

SAT APR 24 - 10AM, Farm Auction Located On The Mike Stutzman Farm Between Friedens & Shanksville Pa , Somerset Co Take Rte 281 North From Somerset In Friedens Fire Hall, Turn Right And Continue Approx. 3 Miles To Stutzman Farm Owners, Rocky Ridge Farm-Mike And Barb Stutzman Luce Aucts

SAT. APR 24 - 10AM, Valuable 30 Acre Improved Tract Real Estate, Tractor, Antique Hit & Miss Engines, Lawn & Garden Equipment, Car, Household Located Rt. 116 (At Spring Grove), Turn Right Onto Lake Road (At Spring Grove High School), Then Go To And Turn Left Onto Kopp Road Or At Menges Mills, Turn Onto Pigeon Hills Road, Go To And Turn Right Onto Orchard Road, Then To Kopp Road, Sale Signs Posted. Estate Of Mearl A. Myers, Deceased C. David Redding, Auct.

SAT. APR 24 - 10 30AM, Dairy Herd & Farm Machinery Auction. Located Off Route 641, 1 Mile East Of Newville, Turn On Green Hill Rd., First Farm On Left - Watch For Sale Signs. Owner, Melvin Z Leid Sale Managed By, Kling's Auctions, Inc.

SAT. APR 24 - 11AM, Quarter Acre Farm Spring Horse Auction. Located ¼ Mile Off Rt. 414 7 Miles From Towanda, Pa. Signs Will Be Posted On Rt. 414. D. Jennings, Auct.

SAT. APR. 24 - 11AM Real estate auction, Drifting Rd & Wassergass Rd., Lower Saucon Twp. Sanford Alderfer Auction Co

SAT. APR. 24 - 11AM 59 acre farm estate auction. So. York Co., Codorus Twp, along Sunny Slope Rd. take 216 3 mi W of Glen Rock, past Friendship School, lt. on Sunny Slope Rd., ½ mile to farm. Laurence Lau Estate. Kenneth K. Keeny, auct.

SAT. APR. 24 - 11AM, Farm Machinery. Located At George Stambaugh Farm, 3419 Ritner Hwy., Newville, Pa. Directions I-81 Exit At #11 Go N. Rt. 233 (½ Mi.) South U.S. Rt. 11 ½ Mile, Watch For Sale Signs. Owner, Rodney Rice. Foreman, Auct.

SAT. APR. 24 - 11AM, Real Estate Of Vernal Johnson. Located Dublin Township, Huntingdon Co., 2.6 Miles East Of Shade Gap, Pa., Off Route 641 At Clark's Repair Service, South 3 Miles. Dale Gibboney, Auct.

SAT. APR. 24 - 12Noon, Real Estate Auction. Auction Held For Rock Creek Ranch, A Lovely 114 Acre Horse Or Beef Cattle Farm & All Farm Equipment, Etc. Located In Straban Twp., Adams Co., Pa. 3 Miles North Of Gettysburg, Pa. 1915 Old Harrisburg Rd., Gettysburg, Pa. 17325 Dave Martin, Auct.

SAT. APR. 24 - 12Noon. Annual Wayne Co. Club Sale. Located 1 mile N. of Honesdale, Pa just off Rt. 191 at the fairgrounds. Wayne Weaver, aucts.

METAL WORKING EQUIPMENT - COMPUTERS, ETC.

LIQUIDATION AUCTION

SATURDAY, MAY 8TH

9:00 A.M. SHARP!

Close out of High School Metal Shop, Steel Building, other equipment. The following machinery, tools, computers, and other personal property to be sold at auction. Sale to be held on Site at the Hanover Senior High School, 401 Moul Ave., Hanover, Pa.

INDUSTRIAL MACHINERY AND TOOLS

South Bend 10"x32" Milling Machine 220/440, South Bend 7" Shaper 120/330 Single Phase, 36" Powermatic Spinning Lathe w/Tools, 3 Delta 10" Swing x 24" Metal Lathes, 1 South Bend 9" Swing x 24" Metal Lathe, Approx. 6'x16' Overhead Fume Exhaust System, Misc. Pexto Edge Machines, Pexto Sheet Metal Banders, 30" Arrow Bander, 2 Benches having Stake Accomodation, Assortment of Stakes, Pexto 36" Slip Roll, 36" Peck & Stow Foot Shears, Keller 12"-14" Metal Cutoff Saw, Peer Spot Welder 50 KW 208 Volts, Marquette 180 AMP AC Welder, Di-Arco Bender w/Assort of Heads, Gas Welding Bench, Sterilizing Safety Glasses & Cabinet, Metal Work Table, Johnson Gas Forge, Anvil, 6-5" Vises, PalmGren Vise, Beverly Shear, Lead Laddles, Assorted Steel, Some Assort. of 3/4", 1", 1 1/2" Angle, Assorted Bar Stock Alum. & Steel, Few Auto Body Tools, Lg. Work Bench, Misc. Sheet Metal Tools, Assort. of Rivets, Soldering Irons, Flux, Buffer & Wire Brush on Stand w/3/4 H.P. Motor, Assortment of Sheet Metal, Galvanized and Tin, Misc. Welding Rods, 17 Metal Stools, Misc. Assort. of Tape & Dies, Sm. & Lg. Desks, 3 Safety Cans, Rasps, C Clamps, Drafting Equip.; 2 Drafting Board Storage Cabinets, Drafting Cabinet, Drafting Boards, T Squares, Wood Bookcase, 2 Wood Desks, 7018 Hydraulic Simplicity Riding Mower AS IS, Large Metal Pipe Connectors, 6-8' Ladders, Lot of Paint, 2 Echo Weed Wackers, 50 Gal. Gas Hotwater Heater, 30'x48' CONSTRUCTED STEEL BLDG. w/3 10'x10' Doors, 7' Hydraulic Plow Blade, 7' Blade, 10' Plow Blade, Front End Loading Bucket for International 400 Tractor, 30 Flourescent Lights.

COMPUTERS & OTHER OFFICE EQUIPMENT + PROOF PRESS

Sewing Machines Include: 2 Vikings, 2 Elnas, 2 Convection Evans - Computers Include: 24 - TRS-80 Computers Model 4's each having assorted Software & Manual Printer Cable, 4 Others needing repair, Franklin Ace Computer w/Printer & Manuals & Software, IBM Compatible, 2 Franklin 1000 Computers AS IS, 2 Networks w/Cables for: M-3, M-4 TRS-80, 11 Working Printers for Computers w/Manuals, 11 Misc. Typewriters in need of repair, VCR, Film Strip Projectors, Calculators, 2 Printer Switches, Assorted TRS-80 Software, Vander Cook #320G Full Page Proof Press, Items to numerous too mention.

HANOVER PUBLIC SCHOOL DISTRICT

AUCTIONEERS NOTE- Metal Shop Machinery in Very Good Condition.
Equipment may be inspected by appointment - 632-1115.
PREVIEW: Friday, May 7th - 5:00 to 8:00 P.M.
TERMS: Cash or Check accepted w/Bank Statement from account drawn or letter of credit from Buyers Bank, other terms sale day.
SALE ORDER: Computers & Office Equipment, Small Tools, Metal Machinery.
AUCTIONEER: Randy L. Hilker
PA-AU-002095-L
Lunch Truck At Sale

PUBLIC SALE

FRIDAY, APRIL 30, 1993

9 A.M.

- **SHOP EQUIPMENT**
- **NEW & USED FARM EQUIPMENT**
- **MISC. ITEMS**
- **HOUSEHOLD GOODS**

Located In Perry Co. 3 Miles West Of Loysville Off Route 274 South Of Village Of Centre. Due To Bridge Out From Centre Follow 274 West To Village Of Cisna Run, Turn Left And Follow Detour And Fisher Structure Signs To Sale.

A & C Diffenbach Auction Inc.
100 West Jackson Street • Box 188
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Terms & Conditions By:
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Lots Of Good Food Available
Homemade Soups, Sandwiches & Pies
Alan Diffenbach Auct. AU2258-L

REAL ESTATE AUCTION

Thursday, April 29, 1993

6:00 P.M.
5 HERON DRIVE
QUAIL HOLLOW
ADAMSTOWN, LANCASTER COUNTY

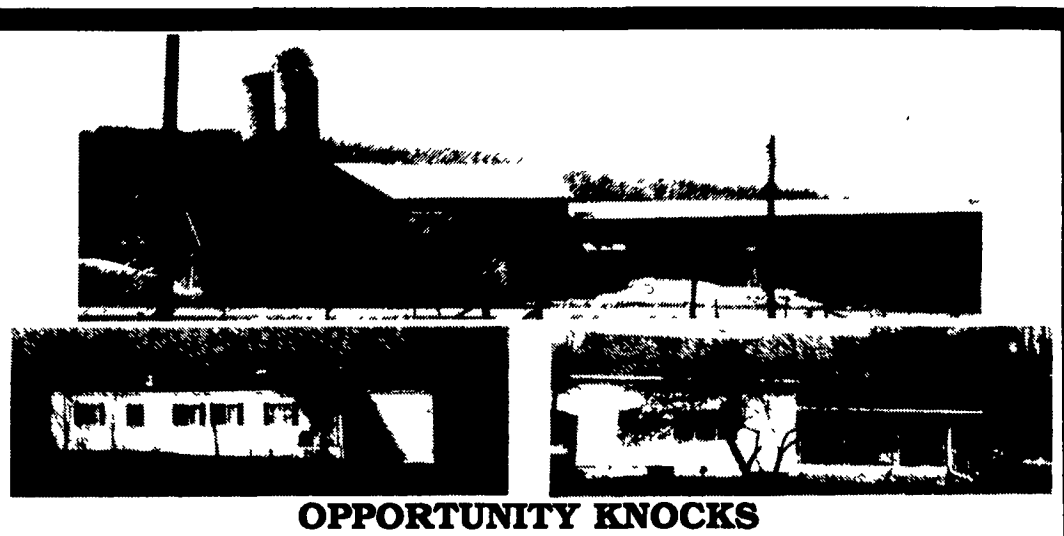
NEW 3 story townhome with attached 1 car garage. Completed brick and siding exterior. Unfinished interior. 1st Floor Living Room with French doors and brick fireplace, 3 bedrooms, Kitchen, Dining room, 2½ baths. Gas forced air heat, central air conditioning.

Open for inspection Sunday, April 25, 1993, 2:00 to 4:00 p.m.

DIRECTIONS: From PA Turnpike Exit 21 follow Rt. 272 N to right on Muddy Creek Rd., right at stop sign to 1st left onto S. Muddy Creek Rd. Left into Quail Hollow to right on Heron Drive.

Terms: 10% Day of sale, balance due on or before 30 days. Subject to reserve by seller.

Weeber REALTORS®
678-4561 or 1-800-798-9896
Samuel M. Ferraro, Auctioneer, #AU-276-L



OPPORTUNITY KNOCKS

WALTER & JUDITH KLOSSNER

ABSOLUTE REAL ESTATE AUCTION

Berkshire, N.Y. (Tioga Co.)

Saturday, May 1, 1993

10:00 Small Items 11:00 Real Estate

Auction and Showings to be held at Parcel #1, the house on Hartwell Road. From Whitney Point use Exit #8 off I-81, take Rt. 79 west approx. 6 miles to Center Lisle and turn to Caldwell Hill Rd, go 2½ miles, turn to Squedunk Rd, which continues to Hartwell Hill Rd and go 2½ miles to farm. Or from Berkshire, turn off Rt. 38 to East Berkshire Road (Co Rt 10) and go 2½ miles to Wilson Creek Rd, turn left, then quick right to Hartwell Hill Rd, go 1 mile to farm OR from RT 26 at Maine, take Nanticoke Rd 9 miles to Squedunk Rd, turn and go 2½ miles to farm.

LOCATION - LOCATION - LOCATION

450 - ACRE FARM - 450

This once in a lifetime opportunity is yours at Absolute Auction. Property has been Surveyed into 34 Parcels ranging from 4 acres (lots of 6, 7 & 10 acre pieces) to a 65 acre Parcel. All Parcels are staked, Numbered, and Flagged for easy walking. You will find a parcel here that will suit you w/lots of frontage. Some open - some wooded - some of both! Over 5 miles of road frontage on Hartwell Rd., Ceurter Rd., Waule Rd. & Shaff Rd. One of the nicest farms we have ever had the opportunity to split, very, very desirable.

Parcel #1 contains a beautiful 4 bedroom House w/2 Baths, 18x24 kitchen, large Rec Room, Heifer Barn or Horse Shed & Shop, all on 6.01 Acres. **Parcel #2** contains the Barn w/97 Stanchions & Silo on 14.02 Acres. Barn has new addition in 1990. 1000 Gal Tank, Big Surge Pipeline, (2) Barn Cleaners & Silo Unloader sells after barn - full listing next week. A great barn to milk cows in. **Parcel #4** contains 7.02 acres w/an excellent 14x70 Trailer w/addition, House type Roof and house siding, excellent shape. Has own water & Septic & Electric. A beauty! Parcels 1 thru 21 will be sold first all the way through - singularly, combination, and entirety. Then Parcels 22 thru 34 will be sold in the same manner. Then the whole property will be offered in its entirety. **Barn Equipment** will be sold separately, giving the public as well as the Buyer of the Barn, a chance to buy it.

At 10:00 we will be selling some small stuff normally found around the farm.

Real Estate sells at 11:00. This farm has been in the Klossner Family for many, many years. Get in on this opportunity which won't happen again. Great location here! Near Endicott, Newark Valley, Owego, Whitney Point, & not far from Ithaca.

Terms- 10% down on each Parcel. Balance in 30 days on closing.

At Parcel #1 there is a Large Survey Map on the property. There is also a Mailbox full of Brochures available for your taking or a Brochure will be mailed to you - give us a call.

Inspections: Sat., April 24, 2:00-4:00 P.M., Sun., April 25, 2:00-4:00 P.M., Wed., April 28, 6:00-8:00 P.M., Or you may walk the property at your convenience. An Auction you won't forget! WE are very fortunate to have this excellent property to sell! There are only so many that will split up! We can't emphasize enough - opportunities like this don't come along every day.

Remember - It ABSOLUTELY SELLS TO THE HIGHEST BIDDER(S), REGARDLESS OF PRICE.

Owners-
WALTER & JUDITH KLOSSNER

Auction held under a Tent. Bring a Chair.
Coffee & Donuts on Us!

Co-Managed By
MEL MANASSE & CAROL WOOD
Real Estate Brokers & Auctioneers
Whitney Point, N.Y./Cincinnatus, N.Y.
607-692-4540 or 1-800-MANASSE/607-863-4143

PUBLIC ESTATE AUCTION

228 ACRE FARM

SATURDAY, APRIL 24, 1993

1 P.M.

Located: From PA Rte. 183 at Summit Station take Rte. 895E 4.2 miles to Berne Rd. turn right, proceed 1 mile to auction on left.

REAL ESTATE: Farm consists of 228 acres m/l, erected thereon a 2 story frame house w/1st floor kitchen, living room, and bathroom, 2nd floor: 3 bedrooms, ground cellar, coal heat, and attic. This home needs total renovation, Lg. frame barn (Very Poor Condition). Farm consists of alot of mountainland and most land is untillable at the present. Although, it does offer alot of road frontage. This land has endless opportunities for the right person. **For more information phone: 717-345-8262.**

Terms: 10% down day of auction Cash or Good PA check, balance on or before 90 days. This farm will be offered with reserve.

Not Responsible for Accidents

Selling for:

Lillie E. Heim, Estate

Mark H. Wolfe, Executor

Robert W. Derfler
Auctioneer AU 2682-L
Pine Grove, PA (717) 345-8262

SANFORD G. LEAMAN AUCTION SERVICE

LIC # AU 532 L
LICENSED & BONDED
(717) 569-4264

PUBLIC AUCTION

of

130 ACRE DAIRY FARM

HARNEY ROAD, MT. JOY TOWNSHIP, ADAMS COUNTY, PA.

SAT., APRIL 24, 1993

AT 12 NOON

HAY FARM EQUIPMENT AT 10:00 A.M.

DIRECTIONS: Take Rt. 97 East of Gettysburg to TWO TAVERNS and turn RIGHT on HOFFMAN HOME ROAD, APPROX. 4½ MILES TO HARNEY ROAD (SR2014) and turn LEFT to farm on RIGHT. WATCH FOR AUCTION TODAY SIGNS.

This is presently an AMISH farm but could easily be made modern with electric. There is a large bank barn w/45 stanchions, box stalls and maternity pens, 3 silos 14'x60', 12'x50' & 12'x40' m/l There is a large milkhouse w/bulk milk tank, Large implement shed approx. 40' x 80' w/ young stock facility on the one end approx. 40' x 120'. There is a hog fattening barn w/inground manure system (200 head cap.) Workshop, box stall barn w/2nd floor, 2 houses for large or growing families. There is also a former Amish schoolhouse included. There is a small stream of the farm, as well as a small amount of woods There is a very level to gentle slope farm w/some tiling, and in a high state of cultivation. There is also ½ mile road frontage m/l. Fert. Drill, JD SPREADER #R, ZOOK semi Liquid Spreader (neeas repair), J D Rotabar Rake, Nickelson Hay Tedder, Grain Binder, Elevator, 2 horse cultivator, 9" cultipacker, Fore Cart on rubber, Wooden wagon gear, 2- PAPEC ensilage cutters, 2- McCormick ensilage cutters, #7 McCormick ground driven grass mower, N H 401 Crimper for parts, J D. #1 cutti-crimper, J D KBA 24 disc harrow, N H. 601 Forage Harvester w/grass head & Engine mounts, Old Thrash Machine, Rabbit cages, pump jack, scrap iron, cement block, Morton steel roofing, some H H. goods, 2 gas refri Milk cans, & approx. 5,000 bales alfalfa & timothy hay & 1000 bales straw, plus other items too numerous to mention.

TERMS OF REAL ESTATE: THE BUYERS WILL BE REQUIRED TO PAY DOWN AT THE TIME OF CONFIRMATION OF THE AUCTION BID $75,000.00 non refundable funds BECAUSE OF THE TIMING OF THE AUCTION YOU WILL BE GIVEN POSSESSION IMMEDIATELY OF THE FIELDS AND THE BUILDINGS FOR PURPOSE OF INSTALLING ELECTRIC OR OTHER IMPROVEMENTS YOU MAY WISH TO MAKE UPON SELLERS APPROVAL FINAL SETTLEMENT TO BE ON OR BEFORE JUNE 1, 1993.

SALE BY:

Jonas M. & Gertrude N. Beiler

This is a very productive farm but could be developed as well. CLEAN AND GREEN HAS BEEN APPLIED FOR 1993.

ANY QUESTIONS ABOUT TERMS, CALL AUCTIONEER

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SPRING MOWER & EQUIPMENT SALE

held at

BONNIE BRAE AUCTION CENTER

Rt. 724, Spring City, PA

SATURDAY, MAY 1st

9 AM

Tools - Mowers - Tractors - Autos - Boats - Equipment

Consignments being accepted. Call for details.

Richard J. Moyer
Auctioneer AU00642L
215-948-8050
Fax No. 948-6959

PUBLIC SALE

FULL LINE OF FARM EQUIPMENT - DAIRY EQUIPMENT - HOUSEHOLD ANTIQUES - ETC.

ESTATE OF LUTHER F. CHILCOATE

MON., APRIL 26, 1993

At 9:00 A.M.

LOCATION: Take Route #234 3-miles East from Route #15 (York Springs) OR 3-Miles West from Route #94 to Cashman Road thence South 100 yards to Tapeworm Road turning East 2 miles to sale in Adams Co., Pa. (Signs Posted)

FARM EQUIPMENT (Tractor)

MASSEY FERGUSON #255 Diesel Tractor, WF, 90% Rubber, 1180 Hrs.; CASE Combine w/bin; NH #717 Forage Harvester; NEW IDEA Single Row corn picker; IH #50 Harvester 1-row w/corn head; Case #220 Baler w/Thrower; 4 WAGONS, 2 JD, w/bale & 24" sides & 1 Karsten forage wagon; SMOKER 24' elevator w/motor; LITTLE GIANT rollaway elevator w/motor; 2 Bale handlers w/ motors; JOHN DEERE Manure spreader; PTO; DUNHAM 9' Cultipacker; 2 Discs, 1 a MF #120 18/20, 3-Pt., 1 an 18/28; CASE Lime Spreader; CASE 13 Disc grain drill; FORD #513 Side rake; FORD #538 9' Haybine; Grain box w/HD chassis; Hay tedder; NH #328 Manure spreader, NR; 2 Sec. rotary hoe; 2 Ford rear cultivators; FORD 2-14" btm. plow, 3 Pt.; JD 3-14" btm. plow, pull type w/ cylinder; Dbl. Bbl. Trail field sprayer; 2 Wheel stock trailer; Brinkley Cult. for Garden tractor; 4-Row IH corn planter w/cylinder; 3-Sec. spring tooth shovel harrow; NEW IDEA Mower, PTO; 8 Farm Gates, pipe & galvanized, 12 & 14 ft.; 60 Tooth Peg Harrow; Garden Cult.; Ensilage cart; AGWAY 1 HP Port. Air compressor; Mojonnier 500 gal. SS Bulk tank; Stainless dbl. sink; SS buckets; 2 Surge milker units; Milker pump; 4 Fence controls; 2-ton Hyd. floor jack; 14" McCulloch chain saw; 2 Cyclone hand seeders; 5' Stepladdeer; Greaser; 32' Shifting ladder; 20' Single ladder; Roll of cable; Elec. cords; 3,000 Bales of Hay; 3,000 Bales of Straw; Pile of Iron; Wagon load of small tools, etc.

HOUSEHOLD-ANTIQUES-ETC.

G.E. 15.5 Ct. Ft. Refrigerator, freezer on top; Philco chest deep freeze; Whirlpool 30" elec. range; Zenith 19" Port. color TV; Baker coal & wood stove; Maytag wringer; Amana Microwave; 5-Pc. Breakfast set; Kneehole writing desk & chair; Maple chest of drawwers; Oil & space heater; Nite stand; Fry pans; Dishes & cookware incl. Set Pfaltzgraf; Elec. Appliances; Bedding; Box Sp. & Mattresses;

ANTIQUES: 2 China Closets, Walnut & Oak; 2 Nice Bedroom Suites, 1 5-Pc. walnut verneer & nice 3-Pc. Oak; Oak Ext. table w/2 boards; Buffet; 3 Dec. plank seat chairs; Barn lantern; Hickory bank tramp rocker; Pic. & frames; 2 85# Milk cans; Horse Hames; Single tree; Plus items not mentioned.

TERMS: Cash or personal checks with approval.

***MAX L. CHILCOATE,* Admin.**
509 Tapeworm Road
New Oxford, PA 17350

CLAIR R. SLAYBAUGH, Auctioneer
Idaville, PA PA Lic. #856L

SAT. APR. 24 - 12Noon, 130 acre dairy farm, Harney Rd., Mt. Joy Twp., Adams Co., Pa. Take Rt. 97 E of Gettysburg to Two Taverns and turn right on Hoffman Home Rd., approx. 4½ miles to Harney Road and turn left to farm on right. By Jonas M & Gertrude N. Beiler. Sanford G. Leaman, auct.

SAT. APR. 24 - 1PM Public estate auction, 228 acre farm. Located from PA Rte. 183 at Summit Station take Rte. 895E 4.2 miles to Berne Rd. turn right, proceed 1 mile to auction on left. For Lillie E. Heim estate. Robert W. Derfler, auct.

SAT. APR. 24 - 2:30PM, Mifflinburg Young Farmers Farm Toy & Truck Consignment Auction. Located In Mifflinburg, Pa. Off Rt. 45 In The Mifflinburg High School. Watch For Signs. Open At 9 AM. William Wolfe, Auct. Info. 717-966-3483.

SAT. APR. 24 - 7PM, Annual Spring Grass Cattle Sales. Located At Friend's Stockyard, ½ Mile South Of Keysers Ridge On Rt. 219, Accident, Md. 21520.

SAT. APR. 24 - 7:45PM, R.E.A. Spring Sale. Located At Raymond E. Anthony Dairy Sales, Southwest Of Meadville, Pa. Sale Managed By, Raymond E. Anthony Dairy Sales

SUN. APR. 25 - 12Noon Large coin auction. Location: Shadowbrook Resort, rt. 6 Tunkhannock, Pa. Wyoming Co. 25 miles N. of Scranton-Wilkes Barre or 30 miles S. of Binghamton, NY. Jerry Burke, auct. Shamrock Auction Service.

SUN. APR. 25 - 1PM, Outstanding Public Auction. Located At Little Haps Action Auction, In The Rt. 22 Marketplace (Ollies East) Along Rt. 22, App. 8 Miles East Of Harrisburg (Paxtonia Exit 26E Off I-81). John & Tom Golden, Aucts.

MON. APR. 26, Carl & Linda Powden Complete Dispersal, 60 Reg. & Grade Holsteins Sell. Herd Averaging 75 Lbs. A Day. Located Morrisville, VT. Reg Lussier, Auct. Northeast Kingdom Sales, Inc.

MON. APR. 26 - 9AM Real estate, antiques, household goods, truck, car, guns. 2585 West Philadelphia St., York, Pa. Seller Kathleen Shellenberger. Rentzel's Auction Service

MON. APR. 26 - 9AM Farm equip., dairy equip, household, antiques, etc. Estate of Luther F. Chilcoate. Take Rt. #234 3-miles East from Rt. #15 (York Springs) Or 3 Miles W. from Rt. #94 to Cashman Rd. thence S 100 yds to Tapework Rd. turning East 2-miles to sale in Adams Co, Pa. Clair R. Slaybaugh, auct.

MON. APR. 26 - 9AM Liquidation Auction, valuable commercial real estate, garage & office equip., vehicles. Located at: 312 Centre Ave., Route 61, Schuylkill Haven, Pa. By Hummel Buick, Edward L. Hummel, Sr. E. Lewis Hummel, Jr. J. Omar Landis Auction Service, aucts.

MON. APR. 26 - 10AM, Huge Liquidation Auction MTA Vocational-Technical School. Located At 3405 North 6th Street, Harrisburg, Pa. Kerry A. Pae & Jeffrey L. Knosp, Aucts.

MON. APR. 26 - 12Noon, Restaurant Equipment Auction Ray Garden Chinese Restaurant. Located Rt. 30 West, York, Pa Excellent Equip. & Decor. Mark Baranowski, Auct.

MON. APR 26 - 3PM, Valuable antiques, one horse sleigh, collectibles & household goods. At the Brickerville Fire Hall, just off Rt. 322 West of Ephrata, Pa. For A.G. Long Mr. & Mrs B. Frank Eshleman E.M Murry Assoc., aucts.

MON APR. 26 - 5.30PM, Toy Sale. Richard Harry & Randy Stoltzfus, Aucts.

TUES. APR. 27 - 10AM, Antique Tractors. Located At A&C Diffenbach Auction Inc , 100 West Jackson St , New Holland, Pa 17557. Alan Diffenbach Auct.

PUBLIC AUCTION

VALUABLE 30 ACRE IMPROVED TRACT REAL ESTATE - TRACTOR - ANTIQUE HIT & MISS ENGINES - LAWN & GARDEN EQUIPMENT CAR - HOUSEHOLD

MEARL A. MYERS ESTATE

The undersigned will offer at public auction, the following - located, if taking PA Rt. 116 (at Spring Grove) - turn right onto Lake Road (at Spring Grove High School), then go to and turn left onto Kopp Road or at Menges Mills, turn onto Pigeon Hills Road, go to and turn right onto Orchard Road, then to Kopp Road - Sale Signs Posted - on

SATURDAY, APRIL 24 - 10:00 A.M.

Real Estate Sale - 12:00 Noon - Consisting of 2-tracts of land, lying and being in Jackson Township, York County, PA.

Tract 1: Has very nice large amount frontage along Orchard Road & Kopp Road, containing approx. 19 acres and 43 perches, being improved with a 27 ft. by 25 ft. 2½ -story brick home, having a 7 ft. by 27 ft. 1-story attached area. Home contains large eat-in kitchen w/cupboards, living and television room, and bath on first floor - 4 bedrooms on second floor, storage attic, full basement, 200 AMP electric service, new domestic hot water, electric baseboard heat. Home has metal roof, spring fed pressure water system and own septic.

Other improvements are a nice 24 ft. by 24 ft. metal 2-car garage w/lawn & garden storage area, has metal roof, cement floor and 2-8 ft. by 7 ft. overhead doors. A 29 ft. by 54 ft. frame & stone bank barn w/asbestos siding and a metal roof.

Tract 2: Adjoins Tract 1 and has very nice frontage along Orchard Road and contains approx. 11 acres 111 perches - **Both Tracts Sell Together.**

Note - If you are looking for a nice small country farm with different possibilities - Plan to see and attend sale. **Inspection** of this property - Appointment Only - Call Gerald Myers at: Ph: 717-225-4572 or Robert Myers at - Ph: 717-225-4339.

Car - 1982 Buick Regal - 53,000 original miles - 3.8 liter, V6, auto, air.

Tractor - Equipment - Ford Model SN tractor - like new 11.2-28 rubber, 3 pt.; Ford 5 ft. 3 pt. rotary mower; nice metal bed & sides 2-wheel trailer; very nice Simplicity Model 4211 lawn tractor - 11 HP, Hydro, Briggs industrial engine w/36" mower; nice Parker 30" lawn sweeper; Craftsman 36" lawn spreader; metal 2-wheel lawn cart; 24 ft. wood shifting ladder; sleds; old hay fork; Homelite Model XL chain saw (14"); Green Machine Model 1600 gas weed eater; 6" double bench grinder; approx. 6-ton coal (easily removed); log & tow chains; knapsack sprayer; grease guns; large Prato wrenches; lot mechanics tools; 4" bench vise; car ramps; gas cans; misc. fence wire; misc. shop hardware; misc. small hand power tools; lot; lawn & garden hand tools; bicycles; brass blow torch; other items.

Household- Three pc. Waterfall era bedroom suite; 9 pc. light mahogany dining room suite w/ china closet; Duncan Phyfe mahogany sofa; night stands; several wood double beds w/springs & mattresses; Lane cedar lined mahogany blanket chest w/tray; like new Carrier 8800 BTU - 110 air conditioner; Whirlpool 5000 BTU air conditioner; Whirlpool HD auto. washer; Sears electric dryer; Hotpoint 2-door refrigerator-freezer; Frigidaire 30" electric range; Trimline exerciser; metal wardrobe; matching table lights; 3 pc. maple coffee & end table set; 2 pc. upholstered living room suite; Zenith console color television; upholstered arm recliner; 2 Kero-Sun Omni 85 heaters; misc. galvanized tubs; misc. stands; wood bench; wood rocker; misc. pictures & wall plaques; misc. kitchenware; small electrical appliances; small Tappan microwave; castware pieces; souvenir plates; Pfaltzgraph tableware; aluminum lawn chairs; metal lawn chairs; many other items.

Terms of Real Estate - 10% down at time of sale - Balance on or before 30 days - other terms at time of sale.

Terms of Personal Property - Cash.

Lunch Stand

ESTATE OF MEARL A. MYERS

Deceased
Gerald Myers - Executor
C. David Redding - Auctioneer - PA License No. 742-L
Gettysburg, PA - Ph: 717-334-6941
Stonesifer & Kelley - Hanover, PA - Attorneys

The following very nice lot hit & miss engines and old tractor being sold for a neighbor: 2 HP Fairbanks Morse open flywheel on dolly; 6 HP Fairbanks Morse open flywheel; ½ HP Associate; 1¾ HP Associate on dolly; ¾ HP Associate; 1¾ HP Lagier on skid wheel; Rare 1927 Toro tractor - all steel wheels; 1 -upright Maytag engine; 1- Model 92 Maytag engine; Maytag washer (no motor); Maytag mufflers - parts; coils; small burr mill.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

TUES APR 27 - 10AM Antiques, household goods Loc 646 Fremont St Lancaster, Pa Turn west onto Conesgota St turn right onto Filbert St turn left onto Fremont St Terms by Mary Irene Mimnall Estate Kreider, Kline, Good, aucts.

TUES. APR. 27 & WED. APR. 28, TUES. MAY 4 & WED. MAY 5, 2 Auction Sales Of Lumber, Hardware Store, Real Estate, Vehicles, Forklifts. Located S & S Lumber Company. Wm. F. Comly & Son, Inc. Aucts.

TUES. APR. 27 & WED. APR. 28 - 4PM, Excellent Furniture Pieces, Fine Old Ornately Carved Stands & Tables, Outstanding Lot Old Oriental China & Pottery Items Of Many Fine Names, Very Nice Lot Glassware, Chinese Watercolors, Silks & Other Pictures, Buddas, Oriental Rugs Located At Redding Auction Service Taking Route 34, ½ Mile North Of Gettysburg, Pa. - Bear Right At Y (At Car Wash) & Continue 2 Miles On Table Rock Road To Auction Site John L. Brinton Estate. C David Redding, Auct

TUES. APR 27 - 6PM Lawn Care of Pa Take Rt 322 E of Ephrata to traffic light in Hinkletown Turn left on Martindale, turn left on Gristmill Rd and follow auction signs to auction Kline, Kreider & Good aucts.

TUES. APR. 27 - 6PM, Strong Farms Machinery Auction. Located At 761 West River Road, 2 Miles North Of Rt. 5, 5 Miles Northwest Of Avon, 7 Miles South Of Scottsville, 6 Miles East Of Caledonia Owner, Corrin Strong. Harris Wilcox, Inc. Auct., Realtors & Appraisers.

TUES. APR. 27 - 8PM Feeder Cattle Sale, Carlisle Livestock Market, Inc. Exit 12 S. off I-81.

WED. APR. 28 - 9.30AM, Lamoka Valley Farms Complete Farm Dispersal Of Cattle, Machinery, Produce. Located At The Former Larry Howell Farm On State Route 226, 1 Mile South Of Tyrone. (11 Miles North Of I-17 Exit #40 At Savona Or 7 Miles South Off Route 14A Between Dundee And Watkins Glen) Owned By, Lamoka Valley Farms, Richard & Steve Bailey. Pirrung Aucts , Inc

WED. APR. 28 - 3PM, Farm Equipment, Antiques, Cattle Grooming Equipment, Household Goods Located Rt 74 North Of Dover, Pa. At Stauffers Store, Turn East On Conewago Road To Rohlers Church Road - 2 Mile, Auction Is On Right Side, Watch For Signs. Seller, Walter & Nellie Laird. Rentzel's Auction Service.

WED. APR. 28 - 7PM, Night Time Dairy Cow & Heifer Sale. Located At Kling's Sale Barn, 15 Miles North Of Carlisle On Route 74, 2 Miles Northeast Of Landisburg, Pa. Sale Managed By, Kling's Auctions, Inc.

THURS. APR. 29, Sallie Graves Complete Dispersal, 120 Head Free Stall Herd Of Reg. & Grade Holsteins, Equipment Includes Like New IH 3288 Tractor, Feed, (Wrapped Bales & Corn Silage), & Misc Items That Go With A Farm This Size. Located Steep Falls, ME. Reg Lussier, Auct. Northeast Kingdom Sales, Inc.

THURS. APR 29 - 10AM, Antiques, Furniture, Glassware, Collectibles, & Household Goods. Located At 124 Elizabeth Street, Christiana, Lancaster County, Pa. From Route 30 & Route 41 In Gap, Take Route 41 South Approx 3 Miles To Getty Mart Bear Right On Newport Avenue To Pine Street, Bear Right To Elizabeth Street Watch For Signs Auction Conducted For, Kenneth K Wolfe Barr & Davis Aucts

THURS APR 29 - 10:30AM, Cow And Heifer Sale, Mt Rock Farm. Located South Of Carlisle, Pa , Off I-81 At Plainfield Exit To Rt. 11 South 2 Miles To Cumberland Golf Course, Turn Right, Go 1 Mile To Clay Rd., Left To Stop Sign, Left To 2nd Farm On Left. Owners, Bill & Cynthia McKeehan. Rick Foreman, Auct.

THURS. APR 29 - 5:30PM, Valuable Real Estate, Household Goods & Classic 1967 Malibu Chev. 2 Door Located Along Rt 322 In Blue Ball At 1063 Division Highway, East Earl Twp , Lanc. Co Pa Terms By, Ruth A Hertzler. Robert E & Jeffrey R. Martin, Aucts

THURS APR 29 - 6.30PM Feeder cattle sale, Located in Perry Co., approx 3½ miles west of Dromgold's corner, off Pa. Route 850 & 34 on Pisgah State Rd., west to Reiber's Church Rd, first farm past Reiber's Church. Norman Brownawell. Kling's Auctions, Inc.

FRI. APR. 30 - Bankert/ Trostle - club pig & lamb sale, Hanover, Pa. Harry H. Bachman, auct.

FRI. APR. 30 - 9AM Farm machinery, house goods. Loc: 3 miles West of Quarryville, Pa. along Rt. 372 corner of Hopkins Mill Rd. & Rt. 372. Terms by Harry G. Keen, estate. Kreider, Kline & Good aucts.

PUBLIC AUCTION

SATURDAY, MAY 29, 1993

At 11:00 A.M.

Along the Road between GRATZ and Klingerstown in Lykens Township, Dauphin County, PA

19 ACRES more or less
LYKENS VALLEY FARMETTE

1½ STORY FRAME DWELLING; MODERN KITCHEN, LIVING ROOM, 3-BEDROOMS, UTILITY ROOM, 1½ BATHS with CERAMIC TILE, (2) ENCLOSED PORCHES, ELECTRIC HEAT, 1-CAR GARAGE, other Outbuildings.

If you are in the market for a country property, this will be one that you will want to consider. The property was recently improved with replacement windows. Check it out! The farm is presently in the CRP Program. For details contact Anna Lebo or the auctioneer.

6-PLUS ACRES
WOODED LAND

On South side of Mahantongo Mountain approximately 1½ miles West of the Village of Erdman, with frontage on the Road from Erdman to Pillow Gap, as per survey draft dated January 1981.

FOR INSPECTION OF REAL ESTATE CALL: 717-365-3463 After inspection, **ARRANGE YOUR FINANCING, BE PREPARED TO BID & BUY AT THE AUCTION!**

TERMS: 10% down the day of sale, further terms & conditions to be announced when real estate is offered at 1:00 P.M.

FARM EQUIPMENT, TOOLS
PICKUP TRUCK - BOAT
FORD NAA GOLDEN JUBILEE TRACTOR - ALLIS-CHALMERS MODEL "G" TRACTOR

3-Pt. 5' Howse Rotary Mower; Dearborn 7' 3-Pt. Sickle Mower; NH 516 Manure Spreader; 3-Pt. 2-Section Harrow; 3-Pt. 2x12 Plow; 3-Pt. Scoop; 3-Pt. 6' Blade; Potato Plow; Used Barn Hinges; Plastic Pipe; Used Metal Roofing, Scrap Iron, Lincoln 225 AMP Welder, Power Kraft Jigsaw; Electric Circular Saw, Drills & Sabre Saw, Miter Saw, Reaper Blade Sharpener; Bench Grinder; Bench Vise; Socket Sets; Metal Tool Boxes; Mechanic & Carpenter Tools; Electric Motors; 4000 Watt Alternator; Sm. Air Compressor; Battery Charger; Homelite String Trimmer; Garden Tools; Stepladders; Wheelbarrow; Tillsmith 5 HP Rototiller; Dynamark 1036 Riding Mower.

1985 FORD RANGER PICKUP TRUCK, low mileage
12 FT. FEATHER CRAFT BOAT; BOAT TRAILER;
(2) OUTBOARD MOTORS
HOUSEHOLD FURNISHINGS & COLLECTIBLES

Harman Dual Fuel Stove; 30" Hotpoint Electric Stove; Dry Sink; Crocks; books; Early Newspapers; Woodstock Typewriter; Flat Top Desk; Rocker; Recliner; some Bedding; Sunbeam Gas Grill; Child's Wooden Wagon; Boy's Bicycle; Porch Swing; Lawn Furniture; Fishing Rods & Equipment; approximately 2-Ton Stove; other items not listed.

MRS. KENNETH (ANNA R.) LEBO,
Owner

Earl Richard Etzweiler, Esq.
Etzweiller & Radebach

DEIBERT MIKE AUCTIONEER AU 001509 L GEORGE REALTOR & AUCTIONEER AU 000209 (717) 425 3313

PUBLIC SALE

VALUABLE 21.6 ACRE INDUSTRIAL TRACT

WEST COCALICO TOWNSHIP

TUESDAY, MAY 25, 1993

AT 2 P.M.

Located along Galen Hall Rd. (at the intersection of Resh Rd.), West Cocalico Township, Lancaster County, PA (Directions: PA Turnpike Exit 21, Reading/Lancaster, take Rt. 272 North, turn west onto Rt. 897 to Village of Reinholds, turn right onto Galen Hall Rd. at Reinholds Fire Co.)

21.6 ACRE TRACT OF REAL ESTATE
ZONED INDUSTRIAL

This tract features: **500' M/L ROAD FRONTAGE** along Galen Hall Rd.; **176' M/L RAILROAD FRONTAGE** along Consolidated Rail Corporation, Reading & Columbia Branch. West Cocalico Township Sewer & Water in close proximity.

This tract of industrial Real estate has many possibilities! Located between Lancaster & Reading with access to Rt. 897, 272 & 222. Exit 21 of the PA Turnpike is approx. 6 miles from this site. Be sure to inspect this property!

NO OUT OF STATE CHECKS UNLESS ACCOMPANIED BY A CURRENT BANK LETTER OR PRIOR ARRANGEMENT WITH AUCTION SERVICE

Terms By:

Ray L. Martin
Michael Kane, Atty.

HORST AUCTS. AU438L
T. Glenn Timothy G. Thomas A.
(717) 859-1331 - (717) 738-3060 Fax # (717) 738-2132
"VOICES OF EXPERIENCE

HORST AUCTION CENTER

PUBLIC SALE

ANTIQUES, HOUSEHOLD GOODS, COLLECTIBLES, TOOLS, CAR

WED., APRIL 21, 1993

At 3:00 P.M. — Car At 7:30 P.M.

Sale to be held at Horst Auction Center located at the corner of Rt. 322 & Durlach Rd. (approx. 2½ miles West of Ephrata), Ephrata, Lancaster County, PA.

FURNITURE

OAK: (2) Antique Bedroom Suites (w/High Back Beds, Bowed Front & Side China Closet; Sq. Ext Table; 6 Pressed Backed Chairs; Buffet; Dropfront Desk; Lamp & Plant Stands; Treadle Sewing Machine; Rosewood Melodeon; Walnut Cradle; Walnut Table; Wood Chest; Depression Bedroom Suite; Music Cabinet; Set Repro. Windsor Chairs, Cedar Chest; Trunk; China Closet; Breakfast Set; Depression Living Room Suite; Chrome & Formica Breakfast Set; Piano & Organ Stools; Sofa Bed; La-Z-Boy, Wooden Wardrobe.

APPLIANCES

Refrigerator, Auto. Washer; Air Conditioner; Color TV; Maytag Wringer Washer; Camera; Cookware; **AUTOMATIC STAIR GLIDE** (like new); Silver Plated Platters, Serving Pcs. & Flatware, Brass Cow Bell; **KEROSENE GONE w/WIND LIGHT;** Depression Hanging Lights; Cuckoo Clock.

CHINA & GLASSWARE

Yellowware; Blue Transfer, Cups & Saucers; "Rose" Transfer; Halls Bowls; Ironstone & Tea Leaf China; Majolica; Transfer Teapot; Bavarian & Noritake China; Bone China; Fiesta; Collector Plates; Carnival; Green Refri Dishes; Depression; Shirley Temple Bowl, Creamer & Mug; Opalescent & Art Glass; Pressed & Pattern Glassware; Bisque; Kero Light; Salts; Papier-mache; Slipware Pie Plates.

LINENS

Quilts; Fancywork; Hooked & Braided Rugs; Horse Blanket; Jewelry; Shirley Temple Pictures; Children's Books; Mandolin (G Type); Gem Roller Organ; Oil Painting; Pictures; Baskets.

TOOLS

8 H.P. Snow Blower; Saw; Drill; Bench Grinder; Hyd Jack; Wrenches; Stewart Animal Clipper; Sprinkling Can; Old Sign; Barn Door Hinges; Hand Tools; Wooden Boxes.

1984 MERCURY 4 DOOR SEDAN

72,000 Miles, PS, PB, Auto.

No out of state checks unless accompanied by a current bank letter or prior arrangement with auction service.

Sale For

Kathryn Leisey, Helen Gerhart, Mabel Yeager

HORST AUCTS. AU438L
T. Glenn Timothy G. Thomas A.
(717) 859-1331 - (717) 738-3060 Fax # (717) 738-2132
"VOICES OF EXPERIENCE

"HORST AUCTION CENTER"

PUBLIC SALE

FINE OFFICE FURNISHINGS & EQUIPMENT

THURS., APRIL 22, 1993

AT 5 P.M. PREVIEW 3 P.M.

Sale to be held at the Horst Auction Center, located at the corner of Rt. 322 & Durlach Rd (approx. 2½ miles west of Ephrata), Ephrata, Lancaster County, PA.

OFFICE FURNISHINGS

FINE ROSEWOOD CONFERENCE TABLE; (8) Leather Executive Chairs; Leather Chairs w/Desk Tops; Rosewood Cabinet; Leather Receptionist Chairs; Complete Computer/Desk; Computer Table, (15) Secretary Chairs; Office Desk; Divider Panels; Filing Cabinets; Blueprint Organizer; Drafting Tables; Copier Stand; Windsor Armchairs; Leather Stack Chairs.

OFFICE EQUIPMENT

HP Laser Printer; Adler 220 RE Copier; Adler 2020 Copier; Wang Computer System; Electric Typewriters; Calculators; Electronic Key Telephone Systems; Office Supplies.

NO OUT OF STATE CHECKS UNLESS ACCOMPANIED BY A CURRENT BANK LETTER OR PRIOR ARRANGEMENT WITH AUCTION SERVICE

Sale For:

Ferguson & Flynn Enterprises, Inc.

HORST AUCTS. AU438L
T. Glenn Timothy G. Thomas A.
(717) 859-1331 - (717) 738-3060 Fax # (717) 738-2132
"VOICES OF EXPERIENCE

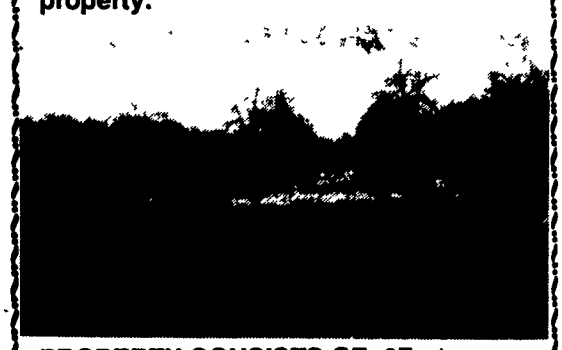
PUBLIC AUCTION

OF 97 ACRES OF LAND AND BUILDINGS

FRIDAY, APRIL 30th, 1993

AT 11:00 A.M.

Located in Washington Twp., Schuylkill Co., between 183 and Pine Grove. From Rt. 183 take Rt. 443W to Deturksville, turn left at lumber store on to T - 647, 1½ miles to Birds Hill Rd., turn right to property.



PROPERTY CONSISTS OF: 97 +/- acres of land. Buildings include a 1 story bungalow completely remodeled w/kit., living rm., bedrm and bath. A 2 sty. 40x60 cement block garage or packing house w/ cement floor. 2nd floor of garage has 5 room apt. including kit., living rm, 2 bedrms, bath, office and storage space. Oil hot water heat.

FRUIT STORAGE COOLER: 50'x80', 22 ft. high, 10 refrigerator units and humidifier in place.

GARAGE: 26'x75' open front, 3 bay block.

LAND CONSISTS OF 75 A. in orchard, 45 A. apple trees, 40 A. pear trees, 12 A. woodland, spring fed 24 ft. deep 5 acre lake, approx. ½ acre irrigation pond. Remainder is building area. Soils are mostly Berks Shaley Loam. No road frontage, access to property is by deeded right of way. Terrain is sloping. Zoning is A-2 Ag. District.

COMMENTS: Orchards could be easily removed and land used for other purposes and buildings easily adapted for other uses.

INSPECTION: Saturday, April 17, from 1 to 4 P.M.

TERMS: 10% down on day of sale; settlement on or before June 15, 1993.

Terms By:

MERIDIAN BANK

HORNING FFA
Farm Agency, Inc.
Alvin Horning AU-00433-L
Merle Eberly AU-02417-L

Main Street, Morgantown
215-286-5183

22nd Annual Sale

Public Auction Of

375 Head Of Livestock 375

Located Five Miles North Of Chambersburg, Pa. & Five Miles South Of Shippensburg, Pa. On Route 11.

Friday Eve., April 23, 1993

At 6:00 P.M.

300 Head Of Holstein Heifers 300

Consisting of 100 bred heifers which will be fresh from sale through summer. 200 open holstein heifers ranging from four months of age to breeding age, with all being calfhood vaccinated. A few red & white heifers, a few brown swiss heifers & a few purebred heifers.

5 Registered Red & White Service Age Bulls
70 Head Of Steers 70

Consisting of 30 holstein and 40 beef type including charolais, blue white face, angus and hereford, wewighing approx. 300 to 600 pounds.

This is a fine group of young cattle out of good breeding, all dehorned and wormed. Bangs & T.B. tested within 30 days of sale with individual health charts. All heifers are eligible for Interstate shipment.
Steers to be sold first.

Terms: Cash or approved check - Not responsible for accidents.

JOHN C. DIEHL & SONS
Phone 717-532-6353
717-263-0361

Auctioneer: Robert C. Mullendore
AU000644L
Boonsboro, Md.
Phone 301-582-0546
Clerk: C.L. Metz
Cattle Sold In Tent - Lunch Stand

STRONG FARMS
MACHINERY AUCTION
TUES., APRIL 27, 1993

6:00 P.M.
Caledonia, NY

Auction to be held at 761 West River Road, 2 miles north of Rt. 5, 5 miles northwest of Avon, 7 miles south of Scottsville, 6 miles east of Caledonia.

Discontinuing farming will sell: J.D. 8640 tractor, quad range, duals all around, quick hitch, 2241 hrs.; J.D. 1650 diesel tractor, ROPS, only 1018 hrs; J.D. 6620 diesel combine, 2845 hrs; J.D. 443 corn head; J.D. 216 flex grain head; J.D. straw chopper, fits combine; J.D. 2800 6 bottom adjustable plow, on the land hitch: J.D. 722 32 ft. mulch finisher; J.D. 1710 A 18 ft. chisel plow mulch tiller; J.D. 950 16 ft. cultimulcher; J.D. 7000 4 row corn planter, liquid fertilizer; 3 Killbros 350 grain boxes, 2 w/running gears, 1 new; J.D. 400 rotary hoe 15 ft. 3 pt.; Pittsburg 8 row cultivator 3 pt. w/rolling shields; J.D. 8300 grain only drill w/seeder; Tox-O-Wik 380 batch grain dryer, 3 phase 20 HP motor; Sukup grain cleaner, single phase motor; Westfield 8" 40' transport auger, 10 HP 3 phase electric motor; Farmall H tractor, parts; pickup fuel tank; parts bin; large quantity of 50 lb. sunflower seeds (for bird feed).

AUCTIONEER'S NOTE: This will be a short auction. Please don't arrive late.

TERMS: Cash or good check evening of auction. Nothing to be removed until settled for.

CORRIN STRONG,
Owner
Randy Page, Manager,
716-226-8707

HARRIS WILCOX, Inc
Auctioneers
Realtors & Appraisers
Phone (716) 494-1880
17 South Lake Avenue
Bergen, New York 14416

SCO-BIL FARM
HOLSTEIN HFR. AND
TOP FARM MACHINERY AUCTION

Sat., May 1, 1993 AT 10 A.M.

For Sco-Bil Farm located on the Snook Farm, Augusta, N.J. Farm is 2 miles off Rt. 565, head east on Losey Rd. to Pellettown Rd. to farm 8 mi. N. of Newton, N.J. 8 mi. S. of Sussex, N.J. Only 25 mi. from Pa & NY State borders.

10 A.M. - Various shop items, Miller 225 arc welder, torch set, 250 gal. fuel tank w/pump, misc lumber, 125 new cedar posts. **10:30 - BARN EQUIP.** Weaverline #430-SS elec. feed cart - A1, wood carts, Wic bedding chopper, 6-DeLaval DV300 pipeline milker units, DL bucket milker. **SURGE** - dumping Sta-Vacc pump - milk meter. Copeland 3 hp Bulk Tank compressor, cow trainers, calf hutches, cow grates 16", lots of 8 to 20' gates, 8 to 16' hay racks, 2-12 section auto head lock panels. Big port. **FANS** - 4' air o matic, 2-3', 2 fiberglass - 1 metal 200g - LS Tanks.

11:30 A.M. - TRACTORS - FULL LINE OF TOP FARM MACHINERY - TRACTORS - Ford TW#5 - 105 hp w/only 1062 hrs - showroom, Ford #8600 - 105 hp w/factory cab - new rubber - real clean, Ford #7000 - 83 hp w/new radials, JD #2840 - 80 hp w/current complete eng. overhaul, JD #148 hyd. ldr. All the above are DL powered, w/3 PTH - WF - PS. **GEHL SKID STEER LDR.** #3610-DL-350 hrs - 2 yr. old - sharp! 1970 Chevy C-20 w/landscaper dump body.

HAY EQ. - NEW HOLLAND #489 real sharp and 469 haybines, #275 baler w/thrower, 42' mow conveyor. IHC #35 - 9' rake w/dolly wheel, Gehl #1470 **ROUND BALER** - 1 yr. old, Gehl #241 finger tedder, 2-24' Bale Giant pipe elev., 3 PT - R - Bale mover, 2-8'x16' and 1 - 9'x16' wood kicker wg's 1 yr. old, 7'x14' - K wg, box wg, all on factory gear. NH #55 - 9' rake.

FORAGE EQ. - Gehl #700 chopper w/2 row corn and 7' haylage hds, NH Super 717 chopper w/1R corn hd. 2-Gehl #920 chuck wg's on 10T gear, Gehl hi throw and NH Super 23-PTO hopper blowers, blower pipe.

TILLAGE & PLANTERS - AC #2000 4x16" semi mtd. auto trip plow - land side hitch, AC #2300 - 10' hyd. cutaway disc, Brillion 10' or 12' 3 pt. chisel plow, JD - 12' packer, Oliver 16' transport wing harrow, JD #1240 - 4 row corn planter w/insect boxes, Cosmo 3 pt. fert. seed spinner spdr., Ferg 1 btm 3 PT. plow.

MISC. EQ. - Gehl #309 scavenger manure spdr - 2½ yr. old, NH #352 grinder mixer, 2 - #230 McCurdy gravity bodies - 1 w/gear, 3 PT - 7' scraper. 2 - **FARMCO PORT. FEEDER WGN's** - 24x7' and 20x7' on rubber - sharp.

PRODUCE AND FERT. - For Sale privately by owner. Whats left will be auctioned, corn silage - high moisture, haylage, mixed hay. 10-20-20 fert. in bags.

1:30 P.M. - 58 HEAD SELL - 55 HOL HFR'S -2 BULLS - 1 STEER - 55 Top Holstein Heifer. **27 HD** due May thru Nov. 50% or better, bred for fall, **16 HD** from 10 mos. old to yearlings. **12 HD.** from Started calves to 9 mos. old. **BULLS** - Reg. Hol. Service age, Jersey Service age, 1-R&W Steer. **HEALTH** - 30 day T.B. & Blood Tested for interstate shipment. Many are calfhood Vacc. Pregnancy checked. Many of the heifers are out of high record Dam's. Mostly all home raised. **A SUPER GROUP OF HEIFERS READY FOR GRASS *** FARM EQ.** Housed under cover. All owner operated and well cared for - field ready. ***

ATTENDING THIS AUCTION in an area where there aren't many farmers left - WILL PAY - NOT COST!

Owner - 201-702-1038. Inspection - Welcome 9 to 4 P.M.

TERMS - OUT OF STATE BUYERS. Cash or Guaranteed Funds or Current Bank Letter of Credit Stating amount you can spend up to on May 1, 1993! Full Settlement Sale Day!

SALE CONDUCTED BY:

COL. FRED R. DANIEL AUCTIONEERS INC.

Neshanic Sta., N.J. 908-369-4784
(The Cattle and Farm Equip. Auction Co.)

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI. APR. 30 - 9AM, Public Sale Of Shop And Farm Equipment Located In Perry Co. 3 Miles West Of Loysville Off Route 274 South Of Village Of Centre Due To Bridge Out From Centre Follow 274 West To Village Of Clana Run Turn Left And Follow Detour And Fisher Structure Signs To Sale. Sale For Ben Fisher. A & C Diffenbach Auction, Inc. Sale Manager, Alan Diffenbach, Auctioneer.

FRI. APR. 30 - 9AM, Farm Machinery & Household Goods. Located Take Rt 372 West 3 Miles Of Quarryville, Pa. Or 1 Mile East Of The Buck. Corner Of Hopkins Mill Rd. & Rt. 372 Terms By, Harry G. Keen, Estate. Kreider, Kline & Good Aucts.

FRI. APR. 30 - 9AM, Sierk Farms Complete Dispersal Notice. Located At Darien Center, N Y. Owner, Martin Sierk. Wm Kent Inc., Aucts.

FRI. APR. 30 - 10AM, All Sizes Of Farm Fresh Heifers. Located At Shady Lane Dairy Sales Inc, From Harrisburg - 283 To Lancaster To 222 South And Quarryville, From Baltimore - I-95 North To 222 North And Quarryville, In Quarryville, ¼ Mile West On Rt 372, Left Onto Oak Bottom Road And Shady Lane. Only Farm On Road

FRI. APR 30 - 10AM Trustee sale in bankruptcy case. 5 compactors, 10 dump trucks, 8 loader backhoes, 6 pavers, 25 pick-up trucks, state trucks & tractors. On premises O'Hara Bros., Inc 3170 Unionville Pike, Hatfield, Pa. Wm. F. Comly & Sons, Inc., aucts

FRI. APR. 30 - 11AM, 97 Acres Of Land And Buildings. Located In Washington Twp., Schuylkill Co., Between 183 And Pine Grove. From Rt. 183 Take Rt. 443W To Deturksville, Turn Left At Lumber Store On To T - 647, 1 1/2 Miles To Birds Hill Rd., Turn Right To Property Terms By, Meridian Bank. Alvin Horning & George Miller, Horning Farm Agency, Inc.

FRI. APR. 30 - 2PM, Grass & Feeder Cattle Sales Located At Preston Farmers Market, Inc, Sanders St., Terra Alta, W.V. Leonard Custer, Auct.

FRI. APR. 30 - 3PM, Quilts, Coverlets, Jewelry, Old Tools & Toys, Furniture, Coins & Cars. Located Brickerville Fire Hall, Lititz, Pa., Hopeland Rd., Just Off Rt. 322, West Of Ephrata. C A. Caple, Auct.

FRI. APR. 30 - 3PM, Antiques, Household Goods, Tools, Painting Equipment & Supplies. Located At The Horst Auction Center, At The Corner Of Rt 322 & Durlach Rd (Approx 2½ Miles West Of Ephrata), Ephrata, Lancaster County, Pa Horst Aucts

FRI. APR. 30 - 6PM, Spring Heifer Sale. Located Belleville Livestock Market, Belleville, Pa. For More Information Call, Eugene Glick

FRI APR. 30 - 7PM, Annual Shalom Christian Academy Heifer Sale. 55 Registered & Grade Holstein Heifers. Located 5 Miles South Of Chambersburg, Pa. Off Route 11 On Social Island Road. Klings Auction Service

MAY

SAT. MAY 1 - 8AM, Collectibles, Tools, Guns & Farm Equipment. Located From Harrisburg N. On 11 & 15 N. On 104 To Middleburg N. On 522 To Kreamer Cross Iron Bridge Turn Left Go 2 Miles, Turn Right Onto E. Hollow Rd. Turn Left Onto Valley Drive, 1st Farm On Left Past Valley Repair Shop Dennis Hassinger & Ken Smith, Aucts

SAT. MAY 1 - 8AM, Personal Property Located 8447 Browns Mill Road, Greencastle, Pa, Will Be Held At The Kauffman Community Center, 3 Miles North Of Greencastle, Franklin Co, Pa Turn East Off Rt 11 Onto Browns Mill Road Signs Will Be Posted On Route 11. Executrices Judith M. Gerhart & Lucille A. Henry. J. Robert Meyers, Aucts.

BRUCE BARNHART

FARM AUCTION

ROME WINDHAM TWP.,
BRADFORD CO., PENNA.

FRIDAY, APRIL 23rd, 1993

@ 10:00 A.M.

At the farm on Osborne Hill Road - 2 miles south of Nichols, N.Y. turn off Rte. 232 (Pa. 187) at Cole's Service Station in Nichols onto Roki Blvd. to Osborne Hill Road. Watch for Arrows off Rt. 282 South.

TRACTORS: White 2-105 field boss - 4WD - 20.8x38 tires - dual remotes - cab - 1972 hours; Allis Chalmers 190 Series III cab - 300 hours; Oliver 1465 diesel - 4000 hours; Allis Chalmers D-14 w/loader; MF 82 self prop. Combine; **New Holland 555 Skid Steer Loader** - 800 hours - like new.

MACHINERY: White 5x18 spring reset plow; AC 4x16 - hydraulic reset mono-frame plow; Int. 16' wing disc; JD 10' disc; AC 12' disc; fertilizer spreader; NH 489 haybine stub guards; NH 258 rake & NH Super 55 rake; NI cut conditioner; Gehl 1400 round baler; J.D. 336 baler w/30 thrower; AC 303 baler w/32 thrower; 3 kicker wagons; flat wagon; Gehl 800 forage harvester - 1000 RPM - hydraulic sharpener - 2 row corn & pickup 2 row snapper; Gehl 400 forage harvester - hydraulic sharpener - windrow & 2 row corn head; Gehl 960 S.U. wagon 3 btr roof tandem; Gehl 940 3 btr roof tandem; Gehl 810 S.U. wagon; AC S.U. wagon; IH 56 blower; NH 25 blower; J.D. 1240 plateless 4 row planter; Brillion Seeder; MM 16 disc grain drill; 2 gravity boxes & gears; 2 NI flail spreaders; AC flail; Crop sprayer; Smoker elevator; Int. 3x trailer plow; Cockshutt 4x trailer plow; NH 355 grinder mixer hydraulic drive (Sharp); NI 323 corn picker; NI 40' hay grain elevator.

PRODUCE: Quantity of Ear Corn and Wire Corn Crib.

TRUCK: 1967 Ford with cattle body; 2 Ski-doo Snowmobiles.

DAIRY AND BARN EQUIPMENT: Surge 2" S.S. pipeline - milk receiver group - wash group; SP 75 vacuum pump; Wash Vat (Exc. condition for 40 cows); Sunset 625 gallon bulk tank and twin compressor (excellent); Tank Washer; Pail Rack; 36" Ventomatic fan - 30" fan and 24" fan; cow mats; Steiner 14' silo unloader - 3 hp - 3 yrs. old; Model 70 Starline 18' & 20' silo unloaders; Pressure Booster Pump; Universal Feed Cart; Dynavent 8 hp bedding chopper; Patz barn cleaner; 200 + ft. chai (6 yrs. old); Starline feeder.

MISC.: 40' alum. ladder; stock tanks; fencers; oil; twine; water bowl; platform scales; hydraulic cylinders; tractor chains; milk cans; saddle; 10x8 overhead door; air compressor; Vise; plus other items found on a well run farm, "RC" or "WC" steel rears for AC; pair 18.4x34 and pair 18.4x28 tires; spreader tires.

SELLING FOR NEIGHBOR: J.D. 1380 hydro swing mower conditioner; JD 830 SP. mower conditioner; 1970 Ford F600 flatbed truck; 1974 Ford 4x4 P.U.; JD 66 blower; (4) 16.1x15 spreader tires; (2) silage conveyors 30 ft.

AUCTIONEERS NOTE: **One of the cleanest lines of equipment we will have the opportunity to sell this year - field ready - stored under cover. Come join us this day.**

TERMS: CASH OR GOOD CHECK

Saturday, May 1st - "Judy" Terascavage - Machinery Dispersal - 8 Tractors - Backhoe/Loader - Truck - Farm Machinery - Homets Ferry Road - Wyalusing, Pa.

OWNERS:
BRUCE AND ARLENE BARNHART

HOWARD W. VISSCHER AU959L
SALES MANAGER AND AUCTIONEER
NICHOLS, N.Y. 607-699-7250
LUNCH AVAILABLE

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT MAY 1 - 8:30AM, Atlantic Gas Pump w/ Globe, 1947 J. Deere Orchard Tractor, RR Freight Wagon, 36" Simplicity 3110 Mower, '85 Renault Alliance Waterloo 2½ Hp Engine, A Wealth Of Other Collectibles Located From 309 At New Tripoli, Take 143 West (Past Ontelaunee Pk.) For 2½ Miles. Turn Onto Gunclub Rd. For ¼ Mi. Conditons By, Robert S. Miller Executor James W. Mohr & Son Auction Co.

SAT MAY 1 - 8.30AM 35th annual community sale, quilts, household goods, crafts, tools, lawn & garden, etc. Rt. 897 4 mile South of route 272 Brecknock Township, Lanc. Co. Terms Fivepointville Fire Co. sale committee.

SAT. MAY 1 - 8.30AM Real estate, antiques, personal property. 55 S. 4th St., Mt. Wolf, Pa. Estate of Alva Hykes. Rentzel's Auction Service.

SAT. MAY 1 - 8:30AM, Real Estate, Bank Stock, Antiques, Household Goods. Located At 30 S. Main St., York, New Salem Borough, York Co., Pa. Mary K. Schwartz Estate C.C. Miller Sons, Aucts.

SAT MAY 1 - 8:30AM, Russell Shertzer Estate, Automobiles, Tools, Lawn Equipment. Located Faith Rd., Grantville, Dauphin Co., Pa. From Rt. 743 & Rt 22 Traffic Light - E. On Rt. 22 - Bear Right At Werts Onto Faith Rd. - Cross County Line Rd To Auction On Right From Rt. 22 At Shelly's Sporting Goods - S. On County Line Rd. - Left Onto Faith Rd. From Palmyra - N. On Gravel Hill Rd. - Left Onto Faith Rd Auction By, Donald Pankake. Harry H. Bachman, Auct.

SAT MAY 1 - 9AM & MON. MAY 3 4:30PM Carnival glass collection, antiques, toys, firearms, Hummel figurines, speed boat, auto items and household goods. 736 S. Broad St, Lititz, Pa. For Helen B Forry. E M. Murry, aucts.

SAT MAY 1 - 9AM HH Goods, antiques, guns, tools, tractor. Located at 1640 Camp Rd, Manheim, Lanc Co, Pa. Rt 72 four miles N of Manheim, 8 mile north of Lanc- Lebanon turnpike exit, turn west on Cider Press to Camp Rd. For David F. Miller Wolgemuth Auction Service

SAT. MAY 1 - 9AM Valuable real estate, household goods, antiques, toys & guns Located 7 miles E. of Lanc. off of Rt. 23 at 19 School Rd, Leola, Upper Leacock Twp., Lanc Co, Pa. next to The Conestoga Valley Jr High School By Margaret E. Miller Robert E & Jeffrey R Martin, aucts.

SAT MAY 1 - 9AM Spring Mower & Equipment Sale held at Bonnie Brae Auction Center, Rt. 724, Spring City, Pa Tools, Mowers, Tractors, Autos, Boats, equip Richard J Moyer, auct.

SAT MAY 1 - 9AM Antiques, dishes, toys, coins, paper money, tools, garden tractors, guns, adv pieces, auto parts, garage equip, shop manuals, books, 1930 Model A Ford Held at the Lisburn Comm Fire Co 1800 Main St. Lisburn, Pa Dale & Bea Yinger, owners Little Ike Eichelberger, auct.

SAT. MAY 1 - 9AM Oakly, Pa. (Off Rt. 61 just East of Sunbury) real estate and personal property of the late Pearl C. Misheck. Beautiful 4 bdrm. 2 story home. Exceptional modern household goods. Robert Misheck owner. Hassinger/ Courtney, auct.

SAT. MAY 1 - 9AM, Ringo Hills Farm Machinery Auction. Located At Burtville (Potter Co), Pa. Pirrung Aucts. Inc. 716-728-2520.

SAT. MAY 1 - 9AM, 45 Acre Farmette, Ford 8N Tractor, Farm Equip., Guns, Coins, Antiques, Household Goods, Tools. Located Along Degler Lane, Upper Tulpehocken Twp., Berks Co., Pa. Traveling On Rt. 183 1/2 Mile North Of Strausstown Turn Onto Shubert Road (Across From The Dutch Kitchen) For 1/4 Mile, Turn Right Onto Degler Lane for 1/4 Mile To Farm On Left. Auction For, Ruth J. Reber & The Late Robert E. Reber. Dennis F. Wagner, Auct.

ABSOLUTE PUBLIC SALE

SATURDAY, MAY 22, 1993

At 8:30 AM

**** OWNER RETIRING ****

**** WAREHOUSE SOLD ****

VALUABLE TRACTOR, NEW EQUIP., NEW & USED PARTS, PICKUP TRUCK, MISC, BOWLING ALLEYS, OFFICE EQUIP, COLLECTABLES

LOCATION: Premises of the former Miller's Sales & Service Inc. Stewartstown, PA. Approx. 5 mi E of I-83 exit #1 along Rt. 851 in Stewartstown. The owner of the former Miller's Sales & Service, Inc. will be offering at Absolute Public Sale the following items.

TRACTOR, NEW EQUIP, PICKUP TRUCK

1940 JD B w/cast slant dash, ser #B82766, Bush Hog 11' transport disc w/22" disc & 9" spacing, JD 506 3 pt. rotary mower, Century 500 gal. wheel drive trailer sprayer w/35' boom. Used Equip: JD 31 3 pt. post hole digger, JD HD 3 pt. 8' scraper blade, JD cultiv. sets, JD 620 rear, 1970 Chevy Custom 10 3 spd. pickup, 1962 Nimrod 2-Star camper trailer, Argo 6-whl ATV-land & water, Kelly Duplex overhead truck hoist w/5 HP elect. motor.

NEW & USED PARTS, MISC., BOWLING ALLEYS

Approx. 75 skids of new & used JD parts, new JD potato digger parts, parts & attach for JD corn planters, combines, mowers & elevators, balers, spreaders, cultivators, Misc. parts for: NI, NH, Ontario, Brillion, Grove, Oliver, Bush Hog, Brady. New: pipe fittings, V-belts, steel chain, hyd. hoses, JD loader parts, spreader webs, plow parts, moldboards, IH & JD cast shares, JD side & front wts for 20 & 30 series, pto shafts, small & lg. metal pulleys, JD horse plow beams, new tractor tires & plow whls, binder canvases for 2 cyl. parts, Roll-a-matic & TFE posts, new JD disc coulters, new disc blades, new Myers hay trolleys. NH, Dellinger & Letz plate mill parts, equip, manuals, rivet machine, power hack saw, metal & wood parts racks & bins, new chicken nests, fountains & feeders, Farmall H front end, 2-ton chain hoist, elect. motors, iron piles, corn cracker, 20' 42" bowling alleys for workbenches, duckpin back stops, lumber, plastic & ss corn planter tanks, Wyatt Bazooka HD 10' 6" auger w/motor, new #216 chuck wagon side.

OFFICE EQUIP, COLLECTABLES

Oak desk, lg. oak conference table w/ drawers, lg. pine cabinet w/doors, 15 drawer, no back, safe on whls, Howe 1000 lb. platform scale, other platform scales, metal Beacon, Wayne, Larro feed signs, hog trough, burlap bags, Union Special bag sew mach, parts file cabinets, file cabinets, oak display table, 147".

** This is only a partial listing. ** NO INSPECTION UNTIL DAY BEFORE SALE OR BY APT. ONLY - CALL OWNER AT 717-854-4101 or 993-2732**

Refreshments served by Stewartstown UM Church- Heifer Project & Ed's Pit Stop. NOT RESPONSIBLE FOR ACCIDENTS!!

JD 2 cyl. parts, signs & memorabilia will be sold at a later date! Lawn & garden equip. also to be sold later!

TERMS: Cash or good approved check. Out of state buyers MUST have current bank letter of credit!

Owner DEAN F. MILLER
717-854-4101, 993-2732
Auctioneers: Melvin Haines Lic. 379L
Ralph Brenneman Lic 708L
717-757-5130, 741-1728

PUBLIC AUCTION

SAT., APRIL 24, 1993

9:00 A.M.

SELLING PERSONAL PROPERTY OF THE LATE IRENE HARBST
RD1, MCCLURE, PA 17841, MIFFLIN CO.

DIRECTIONS: From Middleburg Travel South on Rt. 522. Approximately 1 Mile West of McClure, Turn Right on County Line Road. Proceed to Stop Sign and Turn Left. Auction ¼ Mile on Left - Back Lane.

ANTIQUES AND COLLECTABLES

Wicker Baby Buggy; Wicker Knee Hole Desk; Night Stand w/Drawer, Oak Library Table; Oak Counter Display; Oak Wall Display, Oak Dressers and Chests of Drawers, Sm. Oak Table; Long Oak Table w/Fluted Legs; Pressed Back Rocker; 4 Bent Back Chairs & One Child's; 2 Captain's Chairs; High Chair; Upright Piano; Hall Piece, Top Only, Twig Stand; Rug Beater; School Desk; Hooked Rug; Braided Rugs; Carbide Light; Sm. Wooden Bird Cages, Large Butter Bowl; Rolling Pin; Child's Metal Violin; Pencil Boxes; I.C. Scoop; 3 Ice Cream Chairs, 31 Day Wall Clock; Coo-Coo Clock; Graniteware, Frog & Toad Collection, '57 Fishing License; Corn Huskers; Slaw Board, Cast Amish Man & Woman; Misc. Baskets; Nesting Chickens; Glass Cane; Kero Lights; Noritake Bowl-Tree By Pond; Silver Plate; Glass Bucket; Flatware; Candy Counter Jar; Iron Stone Platter; Marx Mimeograph; Child's Scooter; 2 Trombones; Misc. Narrow Gauge Train Cars & Track; Barbie Dolls; Erector Set; Coke Light; Hams Lighted Beer Sign; Wooden Pulleys; Cast Implement Seat; Cast Wagon Door Stop, Cast Cat; Mush Kettle; Griswald Waffle Iron and Misc Cast Fry Pans, Butcher Kettle, Cream Separator; Milk Can, Sausage Stuffer, Wooden Bar Clamps; 2 Man Saw; Lanterns, Sled, Jars, Books, Lewistown H.S. Year books '20's to '40's' 1942 Lewistown Bandmaster Book, Early Mifflin County Fair Banners, Lots of Jewelry

COINS

1853 One Cent; 1865 Two Cent, Misc Old U.S Coins and Foreign Coins, Old Canadian Coins; Indian Head Nickels; Mercury Dimes, Wheat Pennies; Misc Silver.

CAR

1977 Chrysler Le Barron 60,000 Miles

GUNS

Wards Western Field 22-Fair; Daisey B.B Gun

HOUSEHOLD ITEMS-PLUS

Refrigerator; Chest and Upright Freezers; Floor Model TV; Microwave, Univox Electric Guitar; Upright Dirt Devil; Pine Hutch; Limed Oak Bedroom Suite; Sofa, Misc. Chairs, Single & Double Beds, Book Case, Toy Box Bench; Kutani Dinner Set 92 Pc. Service for 12, Hamper; Free Standing Fire Place; Shallow Well Pump; String Trimmer; Skill Saw, 2 Wheel Barrows; Bench Vise; Post & Pans, Misc Yard & Hand Tools and More .

Executor:
James E. Harbst et al

Auction Manager:
George E. Kline
RD1, McClure, PA 17841 (717-543-5344)
Lunch Stand By Amish School
Contact George Kline, Auction Manager For Specific Questions on Merchandise

KENNETH E. HASSINGER
McClure, PA 17841
(717) 658-3536
AU-001532-L

NEIL A. COURTNEY
Richfield, PA 17086
(717) 539-8791
AU-002651-L

Public Auction

At J.R. Meats, 1509 Ryan Rd., Fallston, Harford County, Md.

Farm Machinery, Lawn And Garden Equipment, 23 Ft. Boat & Motor, Int. Dump Truck, Antiques

Sat., April 24, 1993

9:30 A.M.

JD 4020D, WF, Roll Guard, Good Rubber, IH 2404 Utility G. Tractor WF, Roll Guard, Side Int. Sickle Bar Mower Good; IH 400D Utility Tractor Series A- V.G.; IH 350 Utility Tractor W.F. 3 Pt., Farmall 450 N.F.- 3 Pt. Hitch & New Tires, Farmall 300 Utility Tractor W.F. Fast Hitch, I.H. Fast Hitch Plow (2 Btm.).

Antiques Show Du-All Tractor Runs (Rare); Woods 5 Ft. 3 Pt. D80 Rotary Mower, JD 660 Hillside Combine; JD 213 Grain Head (13 Ft.); JD 646 (6-30" Mor Corn Head, Oliver 2 Row 3 Pt. Corn Planter V.G.; I.H. Cyclone No-Till Corn Planter & Dicky John Monitor, V.G.

23 Ft. C. Hawk Boat w/100 HP. Mercury Outboard Motor Ex. Cond.; 1975 Int. 1700 Loadstar Single Axle 5x2 Dump Truck Good; Challenger 3 Pt. 5 Ft. Rotary Mower (VG); NH 66 Baler; Ford 1 Arm Loader; JD 4 Bar Side Rake; Hay Conditioner; JD 8 Ft. Transport Disc; Century 300 Gal. Fiberglass Trail Sprayer, New 3 Pt. Boom Pole, 3 Pt. Hauling Platform, NI 7 Ft. Sickle Bar Trail Mower, McDeering 5 Ft. Side Mower, McDeering 4 Wheel Manure Spreader, Old Pull Disc.

11 HP Woods 38" Riding Mower & Bagger, 2½ HP Gas Hedge Trimmer, Toro 5 HP Comm. Blow & Vacuum, Push Mowers, Riding Mowers, 20" Wood Lathe w/ Motor, S.S. Ceramic Kiln Drier, Lot Of Plumbing Tools Pipe Wrenches, Furnace & Boiler Parts & Supplies, Home Fencing, Fence Posts, Gates Lot Treated 2x6 Boards Misc. Building Supplies & Much, Much More.

Terms- Cash Or Good Check. Out Of State Checks Must Be Accompanied By A Letter Of Credibility From Your Bank Addressed To This Auction Company — No Exceptions.

RYAN AUCTIONEERS
410-877-7382 836-8953
CALL NOW IF YOU HAVE SOMETHING TO SELL!
717-235-5120

PUBLIC AUCTION

45 ACRE FARMETTE, FORD 8N TRACTOR, FARM EQUIP., GUNS, COINS, ANTIQUES, HOUSEHOLD GOODS, TOOLS

SAT., MAY 1, 1993

At 9:00 A.M.

Located along Degler Lane, Upper Tulpehocken Twp., Berks Co., PA. Traveling on Rt. 183 ½ mile North of Strausstown turn onto Shubert Road (across from the Dutch Kitchen) for ¼ mile, turn right onto Degler Lane for ¼ mile to farm on left.

Real Estate consists of Purpart #1 containing 22 acres M/L of wooded and open farm land with blacktop road frontage, whereon is erected a 2½ story framed home and a 1 story small famed barn w/workshop and other outbuildings. Home has 8 rooms with no modern conveniences, attic and cement basement. Purpart #2 consists of 23 acres M/L of wooded and open farm land with blacktop road frontage bordering Rt. 183 and Degler Road. Both tracts are zoned RP. Real Estate inspection by appointment, call (215) 582-1454 or (215) 488-1755.

Terms are 10% down payment the day of auction, balance on or before 60 days. Real Estate will be offered as 1 unit at 12:00 Noon.

Auction for:
RUTH J. REBER and the late ROBERT E. REBER
David J. Batdorf, Atty.
Auctioneer:
Dennis F. Wagner, AU-001427-L
Phone: (215) 562-7445

NEW YORK'S FAVORITE CONSIGNMENT AUCTION

SATURDAY, APRIL 24 @ 8:00 A.M.

TEITSWORTH AUCTION
YARD GROVELAND
Breakfast Starting At 7:00 A.M.

NOTICE: For 23 years now this has been one of the major N.Y. auction events of the year. Variety here ranges from lawn tractors to articulated rigs, pickups to tractor trailers, nursery stock to complete buildings. We never know exactly what will show up for sale but there will be a huge quantity. 2 auctions at the same time all day. Selling over 1000 items.

PICKARD farm complete dispersal including: IH 986 w/C&A; IH 756 w/2 pt.; M.M. UB; Bobcat 425; JD 3300 combine; IH 656D; (3) farm trucks; NH 276 baler; Tedder; NH 489 haybine; 56 rake; sprayers & tanks; 717 chopper; hay wagons; JD 7000 6R dry planter; duals; 2&3 BTM plows; IH 720 4B plow; Gravity wagon; grain augers; Moridge 350 batch dryer; S.U. wagons; post drive elevators; poly tanks; 6R cultivator; IH vibra shank; 15' cultimulcher; IH disc & much more.

Horse farm equipment dispersal - nice hay tools & manure spreaders.

A small sample of the consignment rows.... Approx. 45 tractors all brands - 1066 Black stripe; 4030; 4020; 3011; JD; Case; IH; Ford & more; Combines; Trojan loaders; Backhoes; several dozers; wood chippers; Rago Roller; Rough terrain crane; several trucks; pickups - 1T, dumps & big trucks; several good forage wagons; running gears; JD 220 floating head; Vermeer 605 round baler and others; 1992 24' gooseneck trlr. Several excellent discs & planter from Indiana, Locust post; sail boats, tanks, trees and way too much to list here. If you want one its probably here or if you have one to sell we have the buyer. Hope to see you here the 24th!!

LAWN TRACTORS: Approx. 40 to choose from. Several brands, 8-18 hp. with attachments.

A VERY LARGE SELECTION OF NURSERY STOCK: Trees, shrubs & flowering plants. Approx. 2000 pcs.

Consignments accepted April 19-23, 8-4:30. No small tools or junk please.

Roy Teitsworth, Inc.
PROFESSIONAL AUCTIONEERS
Sales Manager & Auctioneer
6502 Barber Hill Rd.,
Geneseo, N.Y. 14454
716-243-1563

Public Auction

FARM EQUIPMENT, ANTIQUES, CATTLE GROOMING EQUIPMENT, HOUSEHOLD GOODS

WED., APRIL 28, 1993

3:00 PM

LOCATED:Rt. 74 North of Dover, PA at Stauffers Store, turn east on Conewago Road to Rohlers Church Road - 2 Mile, Auction is on right side, Watch for Signs.

FARM EQUIPMENT & RELATED ITEMS

John Deere 520 Tractor w/3 pt., J.D. 45 Loader, J.D. 28 Blade Transport Disc, 3X J.D. Disc Plow, J.D. 3 pt. 3X Plow, 3 pt. PTO Wood Saw, 1978 Chev. Malibu - 57,000 Mile, 1971 Ford 1 Ton Stake Bed, New Idea 4 Wheel Rake, 3 Section Harrow, A.C. Flail Chopper, Trailer Sprayer w/Booms, Farm Hand Mixer Mill, Round Wire Corn Crib, Dew Eagle Round Bale Mower - Battery Operated, Tractor Tire Chains, 3000 lb. Cattle Scale, Culti. for 520 J.D., Blocking Chute, Cattle Fluffer, Creep Feeders, Cattle Clipper, Show Halters, Semen Tank & Angus Semen, Rope Halters, Neck Chains w/#'s, Cow Chains, Brushes, Cattle Blower, Elastator, Brass Freezing Branding Irons, Soaps, Oil, Locust & Cedar Posts - Round & Sawed, Shovel Plow, Garden Tractor and Culti., I Beams, Chicken Crates, Block & Tackle, Rope, Snow Fence, Hog Trough, Iron Kettle, Scalding Trough, Sausage Stuffer, Stirrer, Lard Cans, Ladles, Stillard Scales, Various Size Crocks, Cream Cans, Milk Cans, Cream Separater, Wooden Pulleys, Cross Cut Saw, Old Wrenches.

K-5 KASCO PORTABLE BAND SAW MILL III & SHARPENER — 3 YEARS OLD

Oak Dry Sink Cupboard, Slant Front Writing Desk w/Bookcase, Small & Smyser Wood Stove, York, PA w/Oven, Marble Top Stand, Butter Churn, Oak Bed, Butter Bowl, Butter Print & Paddle, Wash Bowl & Pitcher Set, Service for 8 Homer Laughlin Dishes, Antique Dishes & Other Furniture, Antique Toys (Mickey Mouse Tin Tea Set, Croquet Set, Cast Fire Engine, Metal Dump Truck, Etc.), Old Valentines, Calenders, Cards, Adv. Items, Bottles, Jars, Tobacco & Spice Cans, Egg Baskets, ¼" & ½" Wooden & Metal Measures, 1924 Star Horn, Mail Box, Horse Weight Tie, Bronze Horse, Flat Iron, Badges, Berry Crates, Egg Scales & Other Misc. Items.

LUMBER — SEVERAL 1000 FEET

Cedar, Walnut, Sassafras, Cherry, Oak, Poplar & Maple, 2x4 - 2x6 - & 2x8 Various Lengths, 1" X Various Widths & Lengths.

TERMS: CASH OR GOOD CHECK

SELLER:

Walter & Nellie Laird
1470 Rohlers Church Rd.
Dover, PA
717-292-3235

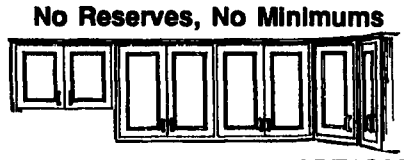
AUCTION CONDUCTED BY:
Rentzel's Auction Service
Emigsville, PA
717-764-6412
PA Lic. #761

Another LANDIS

Public Auction

ABSOLUTE AUCTION

No Reserves, No Minimums



INVENTORY REDUCTION FOR DIAMOND CABINETS

WED., APRIL 28, 1993,

5 P.M.
PREVIEW
AUCTION DAY ONLY
FROM 12 NOON.

For your convenience we have relocated these cabinets to:

501 Richardson Dr.
Hempfield
Industrial Park South
Lancaster, PA

Dir: From Lancaster, PA go west on Rt. 30 to Centerville exit. Go south on Centerville Road to Columbia Ave. (Rt. 462) Go west to Richardson Drive. Watch for Auction Arrows.

APPROX. 40 COMPLETE LINES

of Kitchen sets in oak & Aldeer wood with 4 different colors. Approx. 60 24-48" Vanities in many varieties. 100's of single & double storage units. Various sizes. Misc.: Wood parts, moldings, filter strips, panels, doors, etc. If you're in the market for a new kitchen or a kitchen for your basement or rec room, don't miss this auction.

TERMS: Cash or approved check.

Auction For
DIAMOND CABINETS
Auction Conducted By The
J. Omar Landis Auct Serv
Jay M. Witman AU001127-L
1605 Apple Street
Ephrata, PA 17522
717-738-7900, 665-5735

SAT. MAY 1 - 9AM Real estate, tools, household. along Rt. 501 in Mt. Aetna, Berks Co., Pa. Sale for Irene Shower. Real Estate @ 12 Noon. Dwight D. Miller, auct.

SAT. MAY 1 - 9AM Walter B. Weaver Estate, real estate, personal property, antiques, cars 111 New St., Blue Ball. Kline, Kreider & Good, auct.

SAT. MAY 1 - 9AM, Tractors, Farm Mach., Construction & Misc. Located Rt. 38 & 38B Newark Valley, N.Y. Goodrich Auction Service Inc.

SAT. MAY 1 - 9:30AM, Farm machinery, shop equip. and tools, new and used tack, heavy equip trailers, some household items. Located from New Freedom: follow Rt. 851 to Sticks intersection, go straight approx 1/3 mile, turn right on Myers Rd., go 2 miles to site on right William & Susan Openshaw Martin Heaps, auct

SAT. MAY 1 - 9:30AM, Tel Hai Benefit Auction At Conestoga Christian School Located Rt. 23 West Of Morgantown. Horning Farm Agency, Inc.

SAT. MAY 1 - 10AM, Valuable Commercial Real Estate & Personal Property, Antiques, Decoys, Guns, Furniture, Garage Equipment & Tools, Trucks Located At 281 Old Zion Road, North East, Md (Cecil County) Just Off Route 272 Approx 1½ Miles South Of The Intersection Of Routes 272 & 273 At Calvert Sale By, The Estate Of Henry J Montgomery & Others George L Gibney, Auct

SAT MAY 1 - 10AM, Sco-Bil Farm Holstein Hfr & Top Farm Machinery Auction Located On The Snook Farm, Augusta, N J Farm Is 2 Miles Off Rt 565, Head East On Losey Rd To Pellettown Rd To Farm, 8 Mi N. Of Newton, N J 8 Mi S Of Sussex, N.J Only 25 Mi From Pa & NY State Borders Sale Conducted By, Col Fred R Daniel Auctioneers Inc

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GUNS - CLOCKS - HUNT. LIC. BASEBALL MEMORABILIA ANTIQUES - PRIMITIVES HOUSEHOLD

AT PUBLIC AUCTION

April 21, 1993

At 4 P.M.

Located in the Schnecksville Fire Co. Pavilion, Route 309, just N. of Allentown, Pa. (Lehigh Co.)

Large var. small antiques & primitives, 3 H.P. McCormick gas eng./truck (fast), crockery, torpedo lamp/radio, etc.

CLOCKS: S.T. 10½" dial, S.T. Dbl dial 24" dial "M.M. Miller Watch & Clock Repair" adv. circa. 1860's, var. shelfclocks, 40" banjo, etc.

GUNS: Win. 2 43's 22 Hornet delux & 218 Bee, Mdl 37 .410, 2 Mdl 94 30-30's (one Can. Centen.), 30-40 Kraig, Stevens 416 target 22, SPRG, 45-70 Trapdoor/bayonette /pouch, var. spur trigger rev's, old Colt 38 Spl. (mint), dbl. brl. M.L., Ithaca dbl, & lots others, ammo, fish rods, reels, lures, etc.

Hunt. Lics: CANVAS 1914-15-16-20, 1916 Bradford DOG, N.J. NR 1930-35, NY res 1912, NJ res. 1913-58, PA Fish 30-40-50's, PA Res. Hunt. 20-30-40-50's.

BASEBALL: 1941 Blony cards, 1930's books, 50's World Series Programs/ticket stubs, 1939-40's-50's local scorecards, var. programs Yanks-Phil-Athletics-Dodgers, good football cards, lots others.

Note: Very partial list-large sale 2 aucts.-No out of state checks.

TIM WOTRING - AUCTIONEER
AU1563L Schnecksville, PA
215-799-4843

AUCTION! AUCTION! AUCTION!

OUR SPRING FARM MACHINERY EVENT

SATURDAY, APRIL 24, 1993

At 9:30 A.M.

Location: Jim Trout's Farm, 10104 Dublin Rd., Walkersville, Md. From Rt. 15 turn on Devilbiss Bridge Rd., go straight to 2nd stop sign & turn left on Dublin Rd. approx. 1 mi. on left.

SELLING: OLIVER 1755 tractor; IHC 1066 diesel tractor w/factory cab & A/C; A.C. 185 diesel wide axle Crop Hustler tractor; A.C. 160 diesel wide axle tractor; A.C. manure loader w/material bucket & forks; 12 A.C. front mount tractor weights; 4 rear wheel weights for IHC; (2) Farmall Super M tractor; Farmall C tractor w/cultivators; (2) N.H. Crop Carrier 8 silage wagons; GEHL T/A 3 beater silage wagon; IHC S/A 3 beater silage wagon; IHC 3x14 & 3x12 plows; A.C. 4x16 plow; N.H. 276 baler w/kicker; N.H. 717 field harvester w/822 (2) row corn head & pickup head; Fox 2000 chopper w/3 heads; A.C. 10 ft. cultipacker; A.C. 36 disc model 3600 transport disc harrow; NEW N.I. 3125 scavenger type manure spreader; N.H. 479 haybine; N.I. 402 hay rake; IHC V-24 semi-mounted field mower; N.H. 469 haybine; N.H. 28 blower; C.T. 3 pt. rotary mower; J.D. 246 (2) row corn planter; A.C. 4 row corn planter w/tanks & squeeze pumps; A.C. 4 Row no til corn planter; field sprayer; J.D. #38 grass head; N.I. cut conditioner; 3 pt. box blade; 6 ft. stone scraper box; N.H. 40 ft. model 155 elevator; 16 ft. elevator; Ontario 16x7 graind rill; (3) J.D. running gears; WHITE 3 pt. 4x20 auto-reset plow; IHC 13x7 grain drill; BRILLION 12 ft. cultipacker; BRILLION 14 ft. fold-up springtooth harrow; BRILLION 10 shank 3 pt. chisel plow; LEON model 3100 3 pt. 10 ft. blade w/cylinders; Ever-Sow tractor PTO seeder; Lincoln AC 225 amp welder; Saxon harrow; Surge vacuum pumps; Copeland milk tank compressor & 5 Surge milker units.

1982 DODGE RAM CHARGER
APPROX. 8,000 BALES OF HAY

SMALL ITEMS: J.D. 110 riding lawn mower; 5 HP rototiller, like new; fuel tank w/pump; safety cage for skid loader; 10 rolls new American Fence; 30 rols new barbed wire; IHC rototiller (like new); Craftsman floor model table saw (like new); & many more items too numerous to mention!

TERMS: Cash or Good Check on day of sale. Nothing removed until settled for. REMOVAL OF ALL ITEMS BY APRIL 28th! Not responsible for accidents.

TO CONSIGN CONTACT:

Randy Ruby 301-271-2321; Marvin Hann, Jr. 301-694-8174 Jay Ruby 301-447-3019; Martha Strawsburg 301-845-6578; Office 301-663-1555. Sale Site Phone beginning 4/19 301-898-7617.

FOOD & FACILITIES AVAILABLE.

SINCE 1920

Trout Auctioneers, Inc.

15 North Court Street/Frederick, Maryland
301/663-1555
"Experience Doesn't Cost — It Pays"

ANNUAL CONSIGNMENT AUCTION AND PIG ROAST

Saturday, April 24, 1993 9:00 A.M.

Location 7/10 Mile North Of Route 45 Mifflinburg, PA On Road To Forest Hill (Turn At Coastal Mart).

FARM EQUIPMENT

John Deere 4020 (new paint), Farmall M- (new paint), 1500 Gal. Huskey Tank Spreader, Case International Model 5100 20x6 Soybean Special Drill (Sowed less than 300 Acres), H G Crawler w/Front Mount Cultivator, 16 Ft. Dion Forage Box w/Front Auger Unloader, 540-416 Plow, International 10 Ft. Transport Disc, 469 New Holland Haybine, Oliver 3 Pt. 4 Row Cultivator, #56 New Holland Hay Rake, Two Star Galfrie Hay Tedder (like new), 14 Ft. Brillion Cultipacker, International Harvester 4 Row Corn Planter, Horse Hay Tedder, John Deere Hay Fluffer, International Harvester #16 Hay Head, 2 Row Cultivator 3 Pt Hitch w/Shields for Ford Tractor, Covered Spring Wagon w/Shaft & Pole, Antique Farm Wagon w/Flatbed & Spring Wagon Bed, 2 Wis. Power Unit, VH4 & VG4, Int. #58 6 Row Corn Planter, #494 - 4 Row John Deere Corn Planter, Good Working Condition, 3 Pt 2 Prong Bale Carrier, 12' Oliver Field Cultivator, #F125 - 3 Pt. - 3-16 John Deere Plow, Farm Hand 3 Pt 4 Wheel Hay Rake, Year Round Cab for Int., 510 Int. 4-18" Plow Side Hill Hitch, #80 Int. Combine, Brady Barrel Spreader.

TRAILERS

1992 8x16 Concession Trailer w/Removable Tongue, 6x16 Steel Livestock Trailer w/Bumper Hitch (new), 1990 Superior Aluminum FRP Two Horse Gooseneck Trailer w/4 Ft. Dressing Room & Tack (Ramp Load), 14 Ft Bluefin Flat Bottom Boat w/15 HP Chrysler Motor, Electric Motor, Carpet & Swivel Seats, 12 HP Kohler (rebuilt), 16 HP Briggs, 1986 - South East Trailer - 10,000 Gross - 16' Bed.

POWER EQUIPMENT

8" Foley Belsaw Planer/Molder, 10" Table Saw, High Pressure Washers, Black & Decker Panel Saw, 5 HP Rear Tine Rototiller, 22" Big Wheel Lawn Mower (like new), Robin Weed Eater (demonstrator), 2 HP Campbell Hausfield Compressor, Reddy Heater, Bostitch Coil Framing Nailer, Electric Drill (Milwaukee Sawsall), Air Tools, Rakes, Shovels, Wrench Sets, 2½ Ton Floor Jack.

LUMBER

500 Bd Ft Dried Cherry, Rough Cut (Bundles) 2x4x8's, 2x4x10's, 2x6x8's, 2x6x10's, pine, oak, ash, walnut, boards & planks.

GROCERIES

Tractor Trailer Load Assorted Grocery Items (Hams, Hot Dogs, Canned Goods & Boxed Lots).

GUNS

Jennings Handgun J22/L.R. Chrome, Savage 110E 270 Cal w/3x9 Scope, Sako 340 Weatherby Magnum, Remington 870 Wingmaster 20 Gauge Herstal 3006 Bolt Action, Mossberg 12 Ga. 3" Magnum (new), Hy Standard 22 Lg. Rifle Pistol 9 Shooter, Bear Mag. Hunter 65 Lb. Compound Bow, Marlin Model 25 22 Long Rifle w/Scope, 2 Clips, 760 Remington 30-06 w/3x9 Scope.

HOUSEHOLD ITEMS

PA House Kitchen Table, Rocking Chair, Sewing Machine, Colored TV, 2 Dressers w/Mirrors, Twin & Single Beds, Kenmore Washer, 2 Dishwashers, 2 Exercise Bikes, Clothes Dryer, Dresser w/o Mirror, 2 Air Conditioners, Stackable Chairs, Westinghouse Built-In Oven, Westinghouse 4 Burner Cooktop, 3 Adirondack Chairs, Swingset w/Slide (new), Cedar Glider 5', 6', 7' Picnic Tables, Wishing Wells.

MISCELLANEOUS

Rolling Delight Express Wagons, New and Used Hand Tools, Wheelbarrows, Platform Scale, AMF Hot Dog Roller Roaster, Hobart Potato Peeler, Cecilware 6 Gal. Coffeemaker, Clean 5 Gal. Buckets, Gas Steam Table, Hand Fired Boiler (coal or wood), 3 New Bikes- 1-12 Speed Road Bike, 2-15 Speed Mt. Bikes.

NOTES: This is a partial listing, items are being consigned daily, watch for updated listing in the Daily Item April 16 & 17. To register items for listing in newspaper ads, contact Alvin Reiff at 966-1149 or Glenn Troup at 524-4184.

ORDER OF SALE: Household Goods, Small Tools & Power Equipment in the A.M., 10:00 Groceries, 11:00 Trailers & Vehicles, 12:00 Guns, Farm Equipment & Building Supplies Following Guns. **SOME ITEMS ARE SUBJECT TO SALE PRIOR TO SALE DATE!

TERMS: Cash or Good Check (with Proper Identification), Sales Tax will be added to all purchases unless a tax number can be furnished.

AUCTIONEERS:
Don Fogle, AU-001500-L and Clarence Shirk, AU-002750-L
MANAGERS AND AUCTIONEERS WILL NOT BE RESPONSIBLE FOR ACCIDENTS!

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT MAY ' - 9AM For the estate of Elwood H. Grosser 7 miles east of Halifax or two miles S. of Elizabethville along Rt 225. Turn south on Bastian Road, proceed approx '.5 miles to Miller Church Rd Farm & Real Estate is located at 641-A Millers Church Rd. David Deibler, Edwin Shoop, aucts

SAT. MAY 1 - 10AM Clean sweep auction, Thomas W. Hindman, Inc. Oxford, Pa Plumbing, heating, air conditioning On Premises #340 S 3rd St, Oxford Boro, Chester Co, Pa Jewffrey E & Harry W Whiteside, aucts

SAT. MAY 1 - 10AM Commercial real estate, garage equip & tools, 1973 Monte Carlo Corner of 5th & Vine Sts, Hazleton, Pa Turn off US Rt 93 at Washington Ave around Burger King Also turn at Laundertown Wash & Dry Watch for auction signs Go to Vine St then to 5th St On Corner of 5th & Vine Sts Seller. Frank Chunka Nevius Auction Service.

SAT MAY 1 - 10AM, Grade Heifer Sale Located At New Holland Sales Stables, Inc., New Holland, Pa

SAT MAY 1 - 10AM, Household Goods & Antiques Located Along Pheasant Rd, Cumru Twp, Berks Co Terms By, Estate Of George Kachel Horning Farm Agency, Inc

SAT MAY 1 - 10AM, 275 Feeder Steers, Truck Load Produce Located On Alvin Wenger Farm, Near McKees Next To Halls Church, 7 Miles North Of Liverpool, PA 4 Miles South Of Port Trevorton Watch For Auction Arrows Off Routes 11 & 15 At McKees Or Off Route 104 At Meiserville Terms By, Alvin Wenger Conducted By Fraley Auction Co

SAT MAY 1 - 10AM, Walter & Judith Klossner Absolute Real Estate Auction Located Whitney Point Use Exit #8 Off I-81, Take Rt 79 West Approx 6 Miles To Center Lisle And Turn To Caldwell Hill Rd, Go 2½ Miles, Turn To Squedunk Rd., Which Continues To Hartwell Hill Rd. And Go 2½ Miles To Farm. Or From Berkshire, Turn Off Rt 38 To East Berkshire Road (Co Rt 10) And Go 2½ Miles To Wilson Creek Rd, Turn Left, Then Quick Right To Hartwell Hill Rd, Go 1 Mile To Farm Or From Rt 26 At Maine, Take Nanticoke Rd, 9 Miles To Squedunk Rd, Turn And Go 2½ Miles To Farm Owners, Walter & Judith Klossner Mel Manasse & Carol Wood Aucts

SAT MAY 1 - 12Noon, Silver Stream Farms, Farm Machinery Dispersal Located 1 Mile North Of Route 6, In Waymart, Pa, 11 Miles West Of Honesdale, 6 Miles East Of Carbondale Wayne E. Weaver Auct. & Sales Mgr.

SAT MAY 1 - 12Noon, Wenger's Annual Feeder Cattle Auction, Approx. 300 Head, All Sizes & Colors. Located Port Trevorton, Pa Seller, Alvin Wenger Fraley Auction Company.

PUBLIC AUCTION

OF HOUSEHOLD GOODS, ANTIQUES, COINS, POST BASEBALL & FOOTBALL CARDS

SAT., APRIL 24, 1993

Sale at 9:00 A.M.

Located between New Holland & Leola, 1½ mile west of Rt 23 turn off Rt. 23 on North Groffdale Rd. across from Groffdale Mennonite (Brick) Church, Lanc Co, PA

Attention Attention Attention
Furniture sold at 9:00 A.M.

HOUSEHOLD GOODS — Oak China Closet Bowed Front & Sides w/Claw Feet, Oak Dresser, Oak Bed, Oak Washstand, Oak Cane Seated Rocker, 2 - Oak Rockers, Secretary Desk w/Claw Feet, 6 Green Fiddleback Plank Bottom Chairs & Rocker, 2 - Half Spindle Plank Bottom Chairs w/Original Paint, Other Plank Bottom Chairs, 9 Board Extension Table, 4 Arrow-back Chairs & 1 Armchair, Mordern Grandfather Clock, Empire Style Chest of Drawers, Wooden Wardrobe w/Mirror, Waterfall Wardrobe w/ Drawers, Metal Wardrobe, Metal Cabinet, Base Cabinet, 3 pc Living Room Suite, Maple Dutch Hutch, White Drop Head Sewing Machine, Hamilton Shelf Clock, Oak Mirror, Dovetailed Candle Box, 3 pc Double Sheaf Butter Print, Wood Kraft Cheese Boxes

APPLIANCES — GE Electric Stove, Norge Washer & Dryer, Large Hotpoint Chest Freezer, Majestic Coal Cook Stove, Electrolux Sweeper, Quilts, Bedding, Pillows, Linens, Counterpane, Fancywork, Linen Bags, Show Towel, Hooked & Braided Rugs, Vintage Clothing, Doll Clothing, Material, Cut Patches, Bureau Scarves, Pincushions, Old Ticking, Thimbles, Sewing Cabinet

GLASSWARE — Tea Leaf Ironstone China, Flow-Blue, Depression, German, Pressed, Carnival, Fruit Dishes, Soft Paste Bowl, Earthen Salt Bowl, Earthen Pie Plates, Earthen Jar, Homer Laughlin China, Royal Court China, Imperial China, France China, Master & Individual Salts, Horse Shoe Tumblers, Peanut Butter Glasses, Bread Plate, Clear Butter Dish, Water Set, Cake Plate, Gold Trim Tumblers, Chicken on Nest, Candy Containers, Fiesta Ware Pitchers & Saucers, E C Diller & Sons New Holland Plate, 2 - 1913 Calendar Plates, Hall Bowl, Paper Weight, Tureen, 1 & 2 Qt Green Jars w/Zinc Lids, Canning Jars, Goofus Glass, Flatware, Tupperware, Cooking Utensils, Roasters, Old Cookie Cutters, Adolphus Tenderizer, Crocks, 6 Gal Crock w/Blue Rose Decor, Coal Oil Light, Lantern, Washboiler, Tin Lunch Pail, Tin Scoop, Trays, Baskets, Old Sponge Jardinieres, Wooden 4 Horse Team w/Hay Wagon, Rope Jumping Doll in Original Box, Dolls, Marbles.

BOOKS — German Bible, Wenger Book, Jonas Martin 1875 to 1925, Nolt's 1771 to 1969 & other Family Books, Old Children & School Books, Old Our Gang Coloring Book, Little Black Sambo Game, Ration Book & Cover, 1897 Almanac, Postcards.

POST-BASEBALL & FOOTBALL CARDS from 1960 - Tom Moore, Joe Schmidt, Paul Hornung, Francis Tarkenton, Brook Robinson, Bill Mazeroski, Tony Taylor, Whitey Herzog, N.Y. Yankies Team.

COINS — Silver Dollars - 1884 - 85 - 88 & 1890, 1921 & 1923, Kennedy Halves, Standing Liberty - 1937 - 40 - 41 - 42 - 43 - 44 - 45 - 47, Half Liberty 53, 1855 Half Dollar, Dimes - 1903 - 05 - 06 - 10 - 13 - 16, V Nickels - 1903 - 10 - 12, Indian Heads - 1895, 1900 - 02, 06

Hampton Pocket Watches, Compass, Pocketknives, many other items not mentioned.

Auct Note — Coins Baseball Cards & Books at 2 00 P.M

Terms by

MARTIN M. WEAVER & ELIZABETH S. WEAVER

Aucts. - Robert E. & Jeffrey R Martin 656-7770
AU000580L
Randall L. Ranck App.

Lunch available
No out of state checks

PUBLIC AUCTION

Of 100 Acre Farm & Antiques

Thursday, May 13, 1993

9:00 A.M.

Real Estate 1 PM — Starting with wagons at 9 AM followed by implements. Approx. 10:30 small items at house.

Located in West Cain Township, East of Compass, PA at the traffic light & Turkey Hill Minit Market follow Rt. 10 Approx. ¼ mile. First Rd. to right & follow signs along Leary Rd. Provisions will be made for parking at top of hill along Leary Rd.

REAL ESTATE

Bank barn in fair condition, 4 bedroom stone house w/stucco, kitchen & 2 rooms on 1st floor w/summer kitchen & closed in porch, 3 fireplaces, new roof on house recently, nice stone spring house, several springs on Farm for water supply. Spring fed farm pond. This farm lies in a nice secluded area. This is also a nice area for building lots.

Zoned - Residential One Acre. Up-to-date survey will be furnished.

Open house on Real Estate Only - Sat., April 24th & Sat., May 1st - 1 to 4 PM.

The Cairns Family have owned this farm for many years. ½ Percent Broker Participation invited - must register w/auctioneers by May 10th.

THE CAIRNS FAMILY

Attorney - Linda Kling
Auctioneers - Ira & Dale Stoltzfus
Ira - (717) 442-4936
Dale - (717) 442-8254

NO OUT OF STATE CHECKS
All antiques in good condition.
Don't miss this sale.
Announcements day of sale take precedence over advertising
Food Available

Notice of PUBLIC AUCTION

Saturday, April 24, 1993

9:00 A.M.

SCHAPER BROS.

NEW SPRING CONSIGNMENT SALE

of tractors, all kinds of farm equipment, lawn and garden equipment, shop tools, light industrial and recreational equipment

IRR France Hard Hose Irrigation System; Ford F250 1984 Pick-Up Truck; Chrysler 6x6 Pump; Walk-In Cooler 14x20'; Bin Wagon; Riding Mowers and Small Utility Tractors; This Is Only A Partial List, Expecting A Lot More.

TURN UN-USED EQUIPMENT INTO CASH

Consignments are now being accepted
LOCATED; Vineland-Bridgeton Pike (Route 56) (West of Rainbow Lake) Pittsgrove Township, N.J.
TERMS: CASH
FOR FURTHER INFORMATION
CALL (609) 455-1640
WOLGEMUTH AUCTION SERVICE
Dennis (717) 733-8192
Bob (717) 665-6684

PUBLIC AUCTION

Saturday May 1, 1993

9:30 A.M.

Along Myers Road, Glen Rock, York County, PA

Farm Machinery- Shop Equipment and Tools-New and Used Tack
Heavy Equipment Trailers - Some Household Items

Location from New Freedom: Follow route 851 to Sticks intersection, go straight approximately 1/3 mile; turn right on Myers Rd; go 2 miles to site on right.

TO 35 Massey Ferguson Tractor with new rubber and recent engine overhaul. Millcreek Model 50 manure spreader (new condition), 25' hay conveyor, 5' and 7' Bushhog mowers, 7' utility cart, 1981 GMC 2½ ton bucket truck with 50' boom, 8' York stone rake, 6' grader box, 1988 7 ton equipment trailer, 4 and 6 ton equipment trailers, Lincoln 225 welder, Century 220 battery charger, transit level, 3 McCulloch chainsaws, weed eater, Graco 3500 and 433 airless paint sprayers, air compressor with 3.5 motor, 12' aluminum boat, new 10:00-20 tire chains, tractor and backhoe chains, hydraulic jacks, Torpedo heater, 1" **DRIVE 'SNAP ON' COMPLETE SOCKET SET 1⅛ " to 3⅛ ",** ¾ drive torque wrench, ¾ drive ratchet, 36" pipe wrench and others, various wrenches and sockets large and small, grinders, vises, grease guns, oil, drums and pumps, 275 gal gas tank and pump, 90 gal fuel tank has 12 volt pump, car ramps, hoses and belts, steel I-beams, metal shelving, hammers and hand tools, electric cords and motors, skill saw, 28' fiberglass ladder, fuel oil ceiling furnace, fireplace insert, Kerosun heater, Kirby vacuum cleaner 1 year old, office desk and chair, dinette set, misc. household items.

Tack and Horse Equipment includes new and used English and Western saddles, 12" and 15" pony saddles (new), English and Western bridles, halters, lead ropes, blankets, grooming supplies, heavy duty galvanized animal cages, buckets, hay racks and many horse related items.

Mr. and Mrs. Openshaw sold their farm and are moving out of state. Excellent opportunity to purchase good merchandise of all types. SALE ORDER: Tack and household items, small tools, larger equipment.

TERMS: Cash or good check; no out of state checks unless accompanied by a letter from bank verifying funds.

Lunch rights reserved.

Owners:

William and Susan Openshaw
RD 1 Box 191
Glen Rock, PA 17327

Auctioneers:
Martin Heaps
Stanley Bucher
#2762 and 2642
717-382-4725

Mifflinburg Young Farmers Farm Toy Show and Auction

Old and new Toys, Trucks, Etc.

Date: April 24, 1993

Mifflinburg High School Gymnasium off Rt. 45 in Mifflinburg, PA
Time: Show 9:00 AM - 2:00 PM
Auction 2:30 Can-Pre Consign
William Wolfe - Auct.
Admission $2.00 Per Person
$1.00 6-12 Years; Under 6 Free
Food Stand
Information:

Michael C. Hauck
RD 1 Box 308, Winfield, PA 17889
717-966-3483

BENTLEY BROTHERS FARM EQUIPMENT AUCTION

Rt. 31 West - Albion, N.Y.

TUESDAY, APRIL 20

@ 10:00 A.M.

NOTICE: Coming from a busy spring season with strong new equipment sales Dave Bentley has a yard full of good used farm machinery. This equipment along with a complete farm dispersal will all be sold to the highest bidder.

LOCATION: 20 Mi. N of Batavia, 4 Mi. S. W. of Albion along Rt. 31.

SELLING 11 TRACTORS: White 2-135 w/cab & air; White 2-105 w/cab air; Kubota M7950F; Int. 966; Int. 1066 hydro; Int. 766 black stripe; (2) Ford 6600; Massey 265; Oliver OC4 Crawler Loader; Oliver 1650.

4 SKID STEERS: NH L555; NH L35; Ford CL35; Gehl 3030.

10 TILLAGE: JD 2500 6/16" O.L.; JD 20' Cart harrow; IH 45 Field Cultivator 24'; Kent 48' Harrow w/spike tine; Brillion 21' cultimulcher; White 435 Disc chisel; Brillion 12' cultimulcher; JD 154 plow, 5x16; Sunflower 18½ ' offset disc; Kent 20' field cultivator.

4 SPREADERS: Gehl 312 slurry spreader; NI 213; H&S 180; Van Dale 3000 gal. liquid spreader.

8 HAY: Deutz SM70 disc mower; NI 5290 disc mower; Hesston PT10 haybine; Hesston 1014+2 12' swingbine; JD 1424 12' swingbine; NH 116 12' swingbine; NH 273 baler w/ kicker; NH 310 baler; Gehl front mtd. windrower merger.

9 FORAGE: NH 782 chopper w/2 heads - metal detector; NH 890 chopper w/2 heads; IH 650 chopper w/2 heads; Gehl 1540 blower; Gehl 99 blower; NH 27 blower; Gehl 920 forage box; Dion forage box.

NEW: Woods 10' offset mower; Killbros 10T running gear; NI 4160 9' rake; Bezzechi SQDF 1000 fert. spreader; 16' stock trlr.

MISC: Leon 636 loader; White 7300 combine, 4 WD w/2 heads; 6"x41' auger; NH 352 grinder; Oswalt 230 stationary mixer; Swartz 980 mixer wagon w/seales.

TERMS: Full payment auction day. Cash or good check.

Owners:

BENTLEY BROS. DAVE
716-589-9610

Roy Teitsworth, Inc.
PROFESSIONAL AUCTIONEERS
Auctioneer & Sales Manager
6502 Barber Hill Rd.
Geneseo, N.Y. 14454
716-243-1563

AUCTION SALE
TRUSTEE SALE IN BANKRUPTCY
CASE NO. 92-14730S
CHRISTINE SHUBERT, TRUSTEE

5 COMPACTORS, 10 DUMP TRUCKS, 8 LOADER BACKHOES, 6 PAVERS
25 PICK-UP TRUCKS, STAKE TRUCKS & TRACTORS

FRIDAY, APRIL 30, 10 A.M.
ON PREMISES

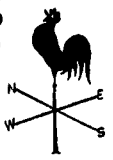
O'HARA BROTHERS, INC.
3170 UNIONVILLE PIKE, HATFIELD, PA.
CONTACT AUCTIONEER FOR ILLUSTRATED BROCHURE

ESTABLISHED IN 1824
COMLY Auctioneers
WM. F. COMLY & SON, INC.
1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500 (215) 634-0496 Fax
PA AUCTIONEERS LICENSE NO. RY000087-L

* GUNS/FISHING CONSIGNMENT *

PUBLIC AUCTION
FRI. EVE., APRIL 23
At 6:00 P.M. @
Dwight Miller's Auction Center
½ Bk. East of Sq. In Bethel, Berks Co., Pa.

Call now to consign your shotguns, rifles, fishing equip, camping gear, old lic., archery, ammo, fishing lures, books, scopes, knives, anything related to the great out doors. Call now @ 717-933-5736



TERMS: Cash or Pa. Check
Auctioneer:
Dwight D. Miller
AU-002414-L **717-933-5736**

PUBLIC AUCTION
REAL ESTATE - ANTIQUES - TRACTOR & EQUIPMENT
TUES., APRIL 20, 1993
1:00 P.M.

LOCATED: Off Interstate 83 at Exit 1, go east on Rt. 851 to Hopewell Township Bldgs., turn onto 5 Forks Road, go 9/10 mile & turn left onto Davis Rd., go 3/10 mile & turn right onto Gemmill Rd., 3/10 mile to auction. Watch for Signs.

5:00 PM REAL ESTATE 5:00 PM

Approximately 45 acres in Hopewell Township improved with a stone and frame house with 6 rooms & bath plus storage, Road frontage on Gemmill Road & Davis Road, approx. 40 acres tillable, balance in buildings & woodland. Not far off Interstate 83, zoned Conservation, Southern School District.

TERMS: 10% Down, Balance in 60 days. For inspection phone 717-993-6254.

1:00 PM ANTIQUES 1:00 PM

Oak Dressers w/Mirrors, Wash Stand, Victorian Arm Chair, Iron & Brass Beds, Oak Knock Down Wardrobe, Mission Oak Rocker, Weaver Pump Organ - Decorated, Alladin Lamp, Treadle Sewing Machine, Baby Cradle, Bed with Gingerbread, Wood Box, Wooden Wheel Chair, Blanket Chest, Old Pictures & Frames, Camel Back Trunk, Old Speakers, Gun Cabinet, 1934 Silvertone Radio, Zinc Lined Dry Sink, Wooden Butter Churn, Round Extension Table, Oak Kitchen Cabinet, Slant Front Desk, Chest of Drawers, Dry Sink, China Closet w/Bow Front & Side Glass, Library Desk, Oak Stand with Drawer, 30's Bedroom Suite, Organ Stool, Mandolin, Planters Peanut Jar. Shirley Temple Pitcher, Adv. Items, Fishing Supplies, Rockers, Mtd. Deer Horns, Clothes Rack, Animal Creamers, Pressure Cooker, Carnival Glass, China Salt & Pepper Shakers, Copper Tea Kettle, Kerosene Lamp, Cast Fry Pans, Crocks, Market Basket, Virginia Rose Plates (Homer Laughlin), Milk Bottles, Jugs, Sausage Stuffer, Mantle Clock, Fans, Fishing Rods, Old Bible, Cuckoo Clock, Meat Grinder, Cast Iron Waffle Iron, Telephone Box, Humpty Dumpty Egg Crate, Iron Kettles, Meat Saws, Wooden Dryer, Frigidaire Ref., Pattern Glass & Other Glassware Plus Pots & Pans, Big Ben Alarm Clock.

EASTERN ARMS 22 BOLT ACTION MASS ARMS CO. 12 GAUGE SINGLE SHOT

TRACTOR & EQUIPMENT

1954 Ford Golden Jubilee w/Step Up & Step Down, M.F. 7' Sickle Bar mower, 3 pt. 6' blade, Oliver 2X 3 pt. Plow,3 pt. 2 Row Culti., J.D. 999 - 2 Row Planter, Wooden Wheel Grain Drill, Potato Plow, Oliver Walking Plow, Butcher Furnace, Double Tree, Hand Garden Tools, Stirrer, Hog Trough, Chicken Crates, Hay Hook, Size 28" Tractor Tire Chains, 30' Aluminum Extension Ladder, Rope, Mechanical Tools & Other Items Not Mentioned.

TERMS: Cash or Good Check.
Seller:
MARY E. GEMMILL
By P.O.A.: Lloyd A. Gemmill
717-993-6254
Attorney: Donald Yost
Auction Conducted By:
Rentzel's Auction Service
Emigsville, PA
717-764-6412
PA Lic. #761

PUBLIC AUCTION
REAL ESTATE - ANTIQUES HOUSEHOLD GOODS - TRUCK - CAR - GUNS
MON., APRIL 26, 1993
9:00 AM
2585 West Philadelphia Street, York, PA

12:00 NOON REAL ESTATE 12:00 NOON

2½ Story clap board single home with 50' width & 169' depth at 2585 W. Philadelphia St., York, PA. This home consits of kitchen, pantry, living room & dining room on the 1st floor; 3 bedrooms, bath & balcony on the 2nd floor. Cement basement, hot water heat, gas heater, outside cellarway, & 2 car garage in West York School District & West Manchester Twp.

TERMS: 10% DOWN DAY OF AUCTION, BALANCE IN 60 DAYS, FOR INSPECTION PHONE 764-6412.

12:30 PM CAR - TRUCK GUNS - 12:30 PM
1950 Ford ¾ Ton Truck w/Racks - 1970 Chevy Sedan

32 Long Pistol - E.I. Bar (Spain) 1924; Winchester Model 94 - 30-30 Lever; Springfield 16 ga. Single Shot; Remington 22 Long Rifle w/Clip; Columbia 12 ga. Single Shot; Old Gun - 22 w/Sites - Single Shot; Ammo.

9:00 AM ANTIQUES & HOUSEHOLD GOODS 9:00 AM

Bow Front & Side China Closet, Knee Hole Desk, Dining Room Suite - Hutch, Table & 6 Chairs, Buffet; Penn Esther Cookstove, Treadle Sewing Machine, Pump Organ w/Stool, Oak Kitchen Cabinet, Breakfast Set, Old Blanket Chest, Cherry Twin Beds, Chest of Drawers & Dressers w/Mirrors, Cedar Chest, Rockers, Cherry Vanity, Iron Bed, Cane Seat Chairs, Childs Rocker, Sofa, Chairs, Night Stands, Kelvinator 15 cu. ft. Chest Freezer, Gibson Refrigerator, Caloric Gas Stove, Maytag Auto Washer 1991, Wash Boiler, Bucket Bench, Console Color TV, B&W Portable TV, Crocks, Asst. Milk Bottles, Dated Jars, Old Clocks, Kerosene Lights, Slaw Board, Hundreds of Salt & Pepper Shakers, Asst. Glass Pieces, Graniteware, Decorative Plates, 20 gal. Crock, Milkglass Pitcher, 2- 5 gal. Jugs, Mantle Clock, Horse & Coach Clock Light, Baskets, Costume Jewelry, Pictures, Linens, Blankets, Sausage Stuffer, Lawn Mowers, Golf Cart, Drill Press, B&D Hedge Trimmers, 2 Man Cross Cut Saw, Horse Hames, Collar, Antique Ice Cream Freezer, Milk Cans, Weather Vane, Grease Guns, Lots of Tools, Wood Boxes, Wood Barrels, Spa Fork, Step Ladders, Old Trunk, 2 Air Conditioners & Many, Many More Items.

TERMS: Cash or Good Check.
Seller:
KATHLEEN SHELLENBERGER
P.O.A.: Doris D. Wolf
Auction Conducted By:
Rentzel's Auction Service
Emigsville, PA 764-6412
PA Lic. #761

Public Auction Register
Closing Date Monday 5:00 P.M. of each week's publication

SAT. MAY 1 - 12Noon, 25th Annual New York Club Empire State Spring Sale Located Fairgrounds, Cobleskill, N.Y. Tom Whittaker, Sale Mgr. & Auct.

SAT. MAY 1 - 7PM, 16th Annual Public Auction Of Feeder Cattle Located 7 Miles South Of Carlisle, Pa. On Route 11, Or Three & One-Half Miles North Of I-81 At Newville Interchange On Route 11 2 Miles East On Stone House Road Owner, Lewis R Fink. Robert C Mullendore Auct

SAT. MAY 1, SUN MAY 2 & MON MAY 3 - 10AM, SUN & MON - 1PM. Wilson's Auction Sales Inc., Special Spring Carriage Auction Weekend. Located Wilson's Auction Sales Inc, Route 113, PO Box 84, Lincoln, DE 19960 Dave Wilson, Auct.

MON. MAY 3 - 6:30 PM Wholesale Furniture, A&C Diffenbach Auction Inc. 100 W. Jackson St, New Holland Alan Diffenbach, auct

TUES MAY 4 - 11AM, Real Estate & Machine Shop Located 435 Delsea Drive, Franklinville, Pa. Henry S Nemrod Associates.

TUES. MAY 4 - 3PM Frame double dwelling, antiques, household goods & tools Located at 323 Meadow Valley Rd, Millway, Warwick Twp., Lanc. Co, Pa For Claude A Stein Estate Horst aucts.

TUES MAY 4 - 6.30PM, Holstein Cattle & Farm Machinery Dispersal. Located Campbell (Steuben Co) New York Estate Of Alfred W. Risley Pirrung Aucts. Inc 716-728-2520.

WED. MAY 5 - 3PM, Fine Antiques, Household Goods, Architectural Iron Fencing & Tools. Located At The Horst Auction Center At The Corner Of Rt 322 & Durlach Rd. (Approx 2½ Miles West Of Ephrata), Ephrata, Lancaster County, Pa Horst Aucts.

OUTSTANDING 2-DAY PUBLIC AUCTION

EXCELLENT FURNITURE PIECES - FINE OLD ORNATELY CARVED STANDS & TABLES-OUTSTANDING LOT OLD ORIENTAL CHINA & POTTERY ITEMS OF MANY FINE NAMES - VERY NICE LOT GLASSWARE-CHINESE WATERCOLORS, SILKS & OTHER PICTURES - BUDDAS - ORIENTAL RUGS

To be held at REDDING AUCTION SERVICE located taking Route 34, ½ mile North of Gettysburg, PA - bear right at Y (at car wash) & continue 2 miles on Table Rock Road to auction site - on

TUES, APRIL 27 **- 4:00 PM**
WED., APRIL 28 **- 4:00 PM**

This sale consists of fine antiques and personal property from the JOHN L. BRINTON ESTATE - formerly of 236 - 36th Street - Camp Hill, PA.

Auctioneer's Note - This fine life-long collection of John & Anne Brinton - Consists of many rare and hard to find items- Most in excellent condition - Mark Date & Plan to Attend This Fine 2-Day Sale.

Sale Inspection - Doors Will Open at 12:00 Noon - Both Days.

Terms - Cash
C. David Redding - Auctioneer
PA License No. 742-L
Gettysburg, PA - Ph: 717-334-6941

PUBLIC SALE
OF PERSONAL PROPERTY

Of the *Estate of RICHARD L. MYERS*, late of 8447 Browns Mill Road, Greencastle, Pa., will be held at the Kauffman Community Center, 3 miles north of Greencastle, Franklin Co., Pa. Turn east off Rt. 11 onto Browns Mill Road. Signs will be posted on Route 11, on:

SATURDAY, MAY 1, 1993
at 8:00 A.M.

FURNITURE—Walnut solid end 4-drawer chest of drawers; 2 blanket chests, maple chest of drawers; 8-drawer dresser; Empire mahogany chest of drawers; vanity; bootjack plankbottom rocker; set of 6 walnut bootjack plankbottom chairs with a rocker to match; cedar 4-drawer corner cupboard; mahogany kneehole desk and chair; wall table with mirror; 1-drawer night stands; yellow plankbottom chair; rush bottom chair and stool; pair of highback caneseat chairs and rocker to match; small corner cupboard with dovetailed drawer; oak corner wall cupboard; rockers; child's chairs; bookshelf; child's table; bookcase, wardrobes; Amana chest freezer, 40" electric stove; 2 loveseats; 2-piece living room suite; swivel rocker; high chair, folding chairs; oak office desk and chair; beautiful 4-hand walnut case **grandfather moon dial clock,** an unusual one from the late Nelson Myers; etc

MISCELLANEOUS—15 all size crocks; cherry Chippendale mirror; mirrors, beautiful curly maple mantel clock; Bible verse carved cane; Oriental carved cane, Frank Feather carved saber; miniature grain rake; cast iron skillets and pots; smoothing irons; wooden goose decoy; skillets; granite; meat saw; steel; 4-drawer file cabinet with fireproof bottom drawer; Sharp copier; electric typewriter and adding machines; lantern; door stops; pictures; quilt frames; wicker doll carriage, Christmas decorations; electric fans; baskets; quilt rack; Electrolux sweeper, floor, kerosene, table and Gone with the Wind lights; comforters; blankets; bedspreads; sheets; doilies; hooked and plaited rugs; all small electrical appliances; 2 cabinet sewing machines and accessories; child's kitchen set; #78 records; early hair dryer; coal bucket; small Conestoga wooden wheel wagon with seat and cover; trunk, etc

CHINA AND GLASS—Cut and pressed glass; crystal and stem items; Avon, Depression; Carnival; milk glass; egg plates; set of 6 handleless cups and saucers; goblets; vases; cake plates; cups; collection of salt and peppers; what-nots; chicken on nest; salt box; set of child's dishes; canister set; kitchen dishes; figurines, jars, etc.

AUTOMOBILE—1978 Pontiac Phoenix, 4-dr., a title, one owner, 65,000 miles, excellent. **Will sell at 12:00 noon.**

OUTSIDE ITEMS—Two rotary lawn mowers; iron shop stove; electric band saw; miter box and saw; turning lathe with knives; rototiller; emory grinder; belt sander, jig saw; weed whacker; lawn cart; 16-drawer cabinet of screws, bolts and nuts; meat benches; 3-foot and iron kettle; corn sheller; shop light; picnic table; porch swing, garden plow; lady's bicycle; planes; furniture clamps; stepladders; toolboxes; chicken crates; milk cans; 2 dinner bells; sleds; lots of new and used lumber; garden and hand tools; fence posts; etc.

GUNS—Stevens octagon bbl. 22 rifle; Stevens 16 ga hammerless double bbl.; BB gun; cork gun. All guns sold as is.

AUCTIONEER'S NOTE: The above listing speaks for itself. This should be an interesting sale. Many of the items belonged to the late Nelson Myers. Doors open at 7.00 A.M. Lunch available. Outside items will start the sale. Keep this ad. It will appear this time only!

TERMS: Cash.

JUDITH M. GERHART &
LUCILLE A. HENRY, Executrices

J. Robert Meyers, AU-000-601-L
Auctioneer
Smith,
Clerk
Leroy S. Maxell, Jr., Atty.

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

WED. MAY 5 - 5PM Farm machinery, household items. Located: 1 mile East of Pillow, Pa , along the Pillow to Klingerstown Rd Marian & Walter Stroehecker, owners. Dockey, Dockey-Romberber, Deppen, aucts.

WED. MAY 5 - 6:30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc. Nascar Items, And Misc. Toys. Located At A & C Diffenbach Auction Inc., 100 W. Jackson St., New Holland, Pa. 17557. Alan Diffenbach, Auct.

THURS. MAY 6, FRI. MAY 7 & SAT. MAY 8, Martins 22nd Annual Auction Of Carnages, Sleighs & Antiques. Located At Lebanon Area Fairgrounds, Lebanon, Pa.

THURS. MAY 6 - 9AM Household goods, antiques & coins. Located 2 miles S. E. of Millersville turn on West Frederick St. at Millersville University, turn on South Duke St. to Stehman Rd. Take Stehman Rd. then right on Long Lane. Sale at 1097 Long Lane, Lanc. Co., Pa. By Mary E. Shenk. Robert E & Jeffrey R. Martin, aucts.

13th Annual Shalom Christian Academy Heifer Sale

Friday, April 30, 1993, 7:00 P.M.

Located about 5 miles South of Chambersburg, Pa., turn west off Route 11 onto Social Island Road; short distance to Sale; From Rt. 81 Exit 4, take Rt. 914 West to Rt. 11, then north on Rt. 11 to Social Island Road.

Approximately 55 head of Registered and Top Grade Holstein Heifers. Several heifers are bred.

Blackstar granddaughter, GP-83 dam with 26,890 M 4.2% 1,116 lb. F. 841 P. Lifetime 171,000 M., Next dam Ex. 90 with 23,570M. 4.3% 1,025 F.

Southwind daughter 10-month-old, dam 290 da. 17,200 M 3.6% 615 F. 3.4% 578 P., next dam GP-83 with 26,530 M 929 F Lifetime 167,000 M.

Walkway Chief Mark daughter, dam by Vanguard, next dam GP-83 with 26,890 M 4.2% 1,116 F., next dam Ex-90 with 164,000 M Lifetime.

Leadman daughter, GP-82 grandam with 22,603 M 3.6% 827 F 3.3% 753 P.

Everready daughter, dam with 2-20,000 +M records.

Cracin Royal daughter, dam by Michael GP-82 as a 2-year-old making 18,000 M., as a 3-year-old with 4.0% F.

Nowerland Daylight daughter-dam with 19,200 M, as a 2-year-old.

Henry daughter, dam by Sexation Clyde, grandam V.G.-86 with 21,000 M.

Fancy calves sired by — Prelude, Lincoln (4), Starbuck, Broker, Counselor, and Lindy.

Top Grades sired by — Belltone, Bell Rex, and other top bulls.

A Target Son from Ricecrest Farm, dam Ex-91 Ned Boy with 33,600 M 1,411 F 1,100 P with several sons in A.I., Full brother in A.I.

3 steers.

Semen by Benchmark, Polo, Trendy, Jed, Chesapeake, Journey, Lincoln, Aerostar and Lester.

One frozen embryo from Cornerstone Genetics.

Also selling one Delaval electric fencer, calf feed, and milk replacer.

One new round bale wagon with John Deere gears and one calf crate.

The following businesses have sponsored heifers: Gary and Linda Besecker, Dietrich Elevator, Martin's Refrigeration, Priest's Refrigeration, Agway Dairy, Energy, and Waynesboro Stores, Scotland Family Medical Practice, Art Kling, Farm Credit — Chambersburg, Citizens National Bank of Greencastle, and F & M Trust.

Also plan to attend the all day sale on Saturday, May 1.

Terms: Cash
Not Responsible for Accidents
Sale Benefit Of

Shalom Christian Academy
717-375-2223
Walter Ocker, Sale Chairman
717-264-5147

Pedigrees:
Jeff Reasner
Sale conducted by
Kling's Auction Service #500
Food Available

ANTIQUE AUCTION
Sunday, April 18, 1993

10:00 A.M.
-LOCATION-

Sale located in Farmers Mills (Spring Mills) Centre County, PA. Off of State Route 45 E. and W. turn onto Shook Hollow Road, 1 mile East of Spring Mills at Jodons Sporting Goods. Proceed to stop sign and turn left, sale on left.

- ANTIQUES -

Corner Cupboard-Pine, Jelly Cupboard, China Cupboard, 2-Baker Cabinets (1 w/stain glass doors), 3-Oak Wash Stands (all w/towel racks), 5-leg-Oak Claw Foot Table w/boards, 3-Oak Dressers w/beveled mirrors, 1-Oak Bow Dresser w/mirror, Oak Side Board w/mirror (low back), Oak Side Board w/mirror (high back), Carved Back Rocker w/arms, Oak Parlor Stand, Oak Library Table, Iron Bed w/brass knobs, Blanket Chest, Empire Chest of Drawers, Drop Leaf Table, Baby Cradle, Piano Bench, Windsor Chair, 4-Plank Bottom Chairs, Pressed Back Rocker, Misc. Rockers, Large Multi-Compartment Safe (old) (works), High Back Bed, Travelers Trunk, Apple Butter Copper Kettle w/stirring paddles, Wooden Butter Mold, Large Tin Box w/hand painted Front-Armstrong's Family Cheese, Making Apparatus - H.McK. Wilson & Co., St. Louis, Planters Peanuts - Large glass jar, Crocks and Finger Crocks, Cream Seperator, Quilting Frame, Sessions Mantle Clock, Wooden Dove Tailed Box, Wooden Phone Box, Sausage Stuffer (like new), Granite Ware (gray and blue), Roasters, Butter Churn, Milk Bottles- (Wassons, Klingers, Menschs, Shooks, Dairy, Daniels - Williamsport, Lycoming Dairy, Woodlawn Dairy, Alleghenny Dairy - Jersey Shore, City Dairy - Cambridge Maryland, Clearfield Dairy, Hurrs Dairy, Meadow Pride Dairy, Reymerrs Blennd), Milk Tins, Cream Can, Large (double face) Bear Cookie Jar, Wicker Doll Carriage, Wash Boards, Iron Stone Water Pitchers, Large amount of Picture Frames, Many large Iron Stone Meat Platters, Iron Skillets-Griswold No. 3, 7, 8, 9 - Wagner No. 0, 5, 9 - Wapak No. 8 - Miami No. 9 plus many others, Cast Iron Muffin Pan, Cast Iron Corn Bread Skillet, Square Skillet (cast), Cast Bean Pots w/lids, Iron Stone Tea Pot, Misc, Advertising Food Tins, Tin Toys (misc.), 2-man Saws, Buck Saws, 2-Cooper Tea Pots, Tin Match Box (hanging type), Brass Blow Torch, 2-Cast Cannons that actually fire, Zenith Egg Grader (cast iron), Pepsi-Cola Bottle (sparkling), Roasters (granite), Pair of Pot Belly Lamps, White Gas Lantern, Jim Beam Bottle, Sad Irons, Atlantic Motor Oil Tin, Oil Lamp, Cast Iron Folding Boot Jack, Old Ledgers and Book (1880's and 1890's), Childs Metal Lawn Chair. Elgin Pocket Watch (works), Tin Toy Soldier with Drum plays Battle March, Wooden Milk Can Wheelbarrow, Baby Crib, Army Camp Stove, Pot Belly Stove, Royal Bride Model B Cast Stove, Cast Chicken Brooder Stove, Wooden Wheelbarrow, 7-up Cans with States Printed on, 5-Childrens Plank Bottoms, Wicker Rockers, Hay Mow Harpoon, Old Pop Corn Popper, Norge Gas Dryer, Jim Dandy Safe no Combination, GE Refrigerator, 1933 Montgomery Ward Butchering Catalog, Rope and Tackels, Copper Wash Boiler, Brass Servant Bell, Bullet Molds, Tapestries, 2-Grizzley Toy Guns and Holster, Toy Symbols, EG Milling Company Stocks Aug. 15, 1912, Millheim, PA, Toy Train, Track, Transformer, Cars, Cast Skillets and Waffle Iron, 1942, 1957, 1969 Resident Hunting Licenses.

- GLASSWARE -

Pressed Glass, Carnival Glass - Compote and Berry Bowl set, Ruby Glass - Berry Bowl set, Hen on the Nest, Japan China Tea set, Sheath Forks, Old Books, Willow Ware, English Tea Pot, 12 Place Setting, Canonsburg Pottery China Flower Pattern (old, nice), A lot of Carnival Glass and Ironstone, Cake Plate Pedestal, Miniature Lanterns.

FARM, SHOP, BUTCHERING

Pig Crate, 150 Gal. Bulk Tank (new compressor), 3 Hog Hangers, No. 22 New Enterprise Meat Grinder, 1 Meat Vessel, Clipper 2B Fanning Mill, J.D. Hay Rake, Loader for B. Allis Chalmers w/Snow Plow, J.D. 17FB Grain Drill, Carter Carburetor Mechanics Set, I.H. Tractor Tool Box (old), Cast Iron Clarks Implement Seat, 3/4 - Drive Socket Set, 2-½ Drive Socket Set, Porta Power Shop Press, 4" Vise, ½ " Black and Decker Drill Press Stand, Antique Wrenches, Nuts and Bolts (all sizes), Shrub Trimmers, Pole Hole cleaners, 2-20' Conveyors from CDT Newspaper, Gas & Electric Brooders, Gardner Denver 2 Cylinder Air Compressor w/ single cylinder Wisconsin Engine.

ITEMS FROM PAST OWNERSHIP OF THE SPRING MILLS HOTEL INC. Pin Ball Machines, Rowe AMI Juke Box, Space Invaders Game, 100 Beer Signs - plastic, metal, neon, clocks, A lot of Advertising Items, Collector Editions Beer Steins 1988 Coors Budweiser Series-C, National Electric Cash Register (works), TEC MA-135 Cash Register (nice), Brass Beer Lamps for registers, Toaster Oven, Stainless Steamer Warmer; Tap Cooler, Co2 Beverage System, Air Purifier.

COINS

Half Dollars - 2-1942, 1898, 1945, 1957, 1908, 1901, Silver Dollars, 1882, 1884, 1887, 1880, 1894, 1898, 1883, 1923, 3-1922, 1921, 1935, 1924, 1926, One Dollar Silver Certificates (many), 1 Blue Seal - 1923 - large, 1 Blue Seal - 1899 - Large, 2 Red Seal - 1917 - large, Silver Penny - 1943, One Cent - 1817, Susan B. Anthony Dollars (many), Buffalo Nickle - 1937, 2 V-Nickels 1911, Dimes - 1912, 1915, 1944, 2-Uncirculated Mint Proofs 1976, 1962, Anniversary Coin 250 yrs. of America (half dollar), Indian Head Pennies 1883, 1907.

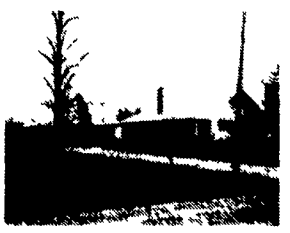
Auctioneers Note: This is a fine antique auction from several generations. Many many things not listed. Watch for more ads in local papers.

Sale by: ***GERALD GOODHART***

Terms: Cash or Good Check.
Lunch Available - Toilets Available

Auctioneer:
Michael F. Dilliard Auctioneering
AU-2454-L
RD #1, Box 54-A,
Spring Mills, PA 16875
(814) 422-8664
(Owner And Auctioneer Not Responsible For Accidents On Premises Of Above Advertised Auction.)

ESTATE AUCTION
FOR IRENE B. SHOWER
SAT., MAY 1st, 1993
At 9:00 AM
REAL ESTATE & HOUSEHOLD



Location: Village of Mt. Aetna, Berks Co., Pa. Property is along Rt. 501. 5 miles North of Myerstown, 4 miles South of Bethel.

Real Estate consists of a 1½ story house with vinyl siding, work shop, two car carport, oil hot water heat, own well & septic system, downstairs has kitchen, living rm., ½ bath with shower, plus two bedrooms. Upstairs has two bedrooms. Property is well kept, with shrubs & trees. For appointment, call auctioneer Dwight D. Miller at (717) 933-5736.

Terms of Real Estate 10% down day of sale, bal. in 30 days or less. Real Estate sold at 12:00 Noon.

Oak wash stand, oak dresser w/mirror (ornate), oak bed (ornate), oak high chair, 4 oak Matching chairs, Hardick One Pint Milk Bottle, 3 pcs. maple bedroom suite, 4 pcs. depression bedrm. suite, cedar chest, quilt, Sears gas stove, Speed Queen dryer, (apt. size), Whirlpool washer, pocket knives, oval table, salt & pepper shakers, Gibson 17 cu. ft. ref/freezer, soft wood blanket chest, camel back trunk, other misc. furniture, assorted glassware & flatware, meat cleaver, Kaiers beer clock, grain flail, sad irons, brass quoits, lawn chairs, beam scale, glass bear bank, many hand tools, wooden rake, 5 HP Snapper riding mower, air compressor, drill stand, tap set, lawn roller, bench grinder, Sears 3000 generator, table saw, hammers, wrenches, two prong fork, many more nice items to be sold, come out and enjoy the auction.

Auction For IRENE B. SHOWER
P.O.A. Arlene Gerhart, Betty Ginder
John Enck Esquire
Dwight D. Miller
Auctioneer/Appraiser
Farm Sales, Antiques, Real Estate
1110 Airport Rd., Bethel, PA 19507
(717) 933-5736

PUBLIC SALE
NURSERY STOCK
SAT., APRIL 24, 1993
9:00 A.M.

Located along Union Grove Rd. In the Village of Spring Grove. One mile East of Terre Hill.

From Blue Ball take Rt. 23 East approx. one mile, turn North onto Rt. 625, proceed approx. two miles to Union Grove Rd., turn right, proceed ½ mile to sale on right.

FLOWERING TREES

Kwanzan Cherry; White Crabapple; Dogwood; Pink & Pagoda; Magnolia; Flowering Pear; Red Bud; Silverbell.

SHADE TREES

Bald Cypress; Catalpa; Larch; Linden; Honeylocust; MAPLE: Japanese Cutleaf, Norway, Red Sunset, Royal Red, Silver & Sugar; Pin Oak & Shingle Oak; Dawn Redwood; Sweet Gum; Sycamore; Weeping Willow; Zelkova.

EVERGREEN TREES & SHRUBS

ARBORVITAE: Glove, Gold Tip, Hetz Midget, Pyramidal & Wintergreen, etc. CYPRESS: Blue Moss, Gold Thread, Hinoki. CANADIAN HEMLOCK; JUNIPER; Blue Star, Blue Point, Hollywood, Parsons, Old Gold, etc. YEW: Spreading & Upright. PINE: White, Weeping White, Mugo, Dragon Eye, etc. SPRUCE: Dwarf Alberta, Norway.

DECIDUOUS FLOWERING SHRUBS

Crimson Pygmy Barberry; Cotoneaster; Red Twig Dogwood; Trumpet Vine; Dwarf Burning Bush; P.G. Hydrangea; LILAC: Dwarf Korean, Miss Kim, Persian. SPIREA: Anthony Waterer, Gold Flame & Snowmound. VIBURNUM: Cranberry & Fragrant Varieties.

BROADLEAF EVERGREEN SHRUBS

AZALEA: Red, White, etc. Boxwood; Euonymus; HOLLY: Blue Girl, China Girl; Helleri, etc. Rhododendron; Yucca; Plus More.

Come early and enjoy the day with us. Buy your nursery needs at auction prices.

Sale for
MOUNTAIN SPRING NURSERY
(Formerly Spring Grove Nursery)
215-267-0833
Auctioneers
Nevin Z. Martin and Sons
AU-1078-L

No Out Of State Checks - Lunch Served
Not Responsible For Accidents

PUBLIC AUCTION
SAT., MAY 29, 1993
9:30 a.m.

LOCATION: Removed from residence sold at Rt. 272 at Rt. 1 By-pass, Nottingham, PA. Visit Our Flea Mkt. Lower Level of Barn!!

"Partial List Only" Period Antiques & Collectibles, Walnut, Pine, Cherry, Mahogany, Oak Furniture, Fine China & glassware, art & frames, Rare collection (200) 1940's Kelloggs cartoon pin/backs, also, (10) 1915 Sweet Chaporal Baseball pin/backs, toys, Indian stones, guns, knives, coins, jewelry, advertising items, Don't Miss This One!!

NOTE: FULL AD WILL APPEAR CLOSER TO SALE DATE.

By Order; Local Estates
4th Gen. PA & MD Service
JEFFREY E. WHITESIDE
Auctioneer
AU-2368-L Call For Info.

FARM AUCTION
Saturday, April 24, 1993
10:00 A.M.

Located On The Mike Stutzman Farm Between Friedens And Shanksville, Pa., Somerset Co. Take Rte. 281 North From Somerset To Friedens Fire Hall, Turn Right And Continue Approx. 3 Miles To Stutzman Farm.

Equipment- JD 4430 diesel tractor w/cab, duals, fully equipped, good rubber, JD 4230 diesel tractor, fully equipped, JD 3020 diesel tractor, side console, (all tractors recently overhauled), JD 4400 combine w/cab, 13' grain head, 4 row corn head, JD 337 square baler w/kicker (nice), JD 335 round baler, (used very little), JD 7000 4 row conservation corn planter w/ monitor, JD 8300 18 double disc grain drill w/fertilizer and grass seed, NH 890 forage harvester w/electric controls, grass and corn head, JD 3800 harvester (needs work), NI 5209 disc mower conditioner, JD 12 tooth 3 pt. chisel plow, JD 5 btm. 18 in. spring reset plow, JD 15' 210 transport disc harrow w/scrapers, JD 15' transport culti-mulcher, Badger tandem forage wagon, JD 126 forage wagon, JD 660 rolobar rake w/dolly, Pequea hay tedder, 2 kicker bale wagons, 2 hay and grain elevators 32' and 24', 16' JD drag harrow, web type stone picker, Anderson stone picker, IH 595 tandem manure spreader, JD 154 manure spreader, needs work, Butler 2800 gal. tank liquid spreader, tri-axle 8x16 trailer w/cattle racks and ramps, saddle tank sprayer w/30' booms, JD 66 blower, JD 80 blower, Surge 25 K transport alternator, homemade hydraulic dump trailer, NI cut-ditioner mower.

Trucks, Lawn Equipment- JD 212 lawn tractor w/broom, JD 110 lawn tractor w/ mower reconditioned, 3 ATV's, (2 Hondas, all 3 wheelers), Dodge 600 dump truck w/ fertilizer auger, 10' utility bed.

Barn Equipment, 1 h.p. portable milker, 6 DeLaval auto corn milkers w/pulsators, DeLaval overhead feed cart w/270' of rail track, 10 calf hutches, two 5 ton gravity grain bins, 100' push type feed conveyor, 2 savage chain elevators.

Feed- Approx. 3000 bales second cutting alfalfa and reed canary grass, approx. 1000 bales of straw, approx. 1000 bales first crop hay, 20' of haylage in 20' silo, 20' of sorghum in 20' silo, 100 ton high moisture, shelled corn in harvestor.

Misc.- JD pedal tractor w/transfer sled and track, chain saws, hand tools, misc. items.

A clean line of farm equipment. Plan to attend.
Lunch available. Terms: cash or good check

Owners:
ROCKY RIDGE FARM
Mike And Barb Stutzman
R.D. 2 Box 214A
Friedens, Pa.
814-443-2587

Luce Auctioneers AU001976L
814-926-2570

Public Auction Register
Closing Date Monday 5:00 P.M. of each week's publication

THURS. MAY 6 - 11AM 53 Acre Cumb. Co. Farm, Corn silage, hay, straw, milk tank. Located at 85 Bernheisel Bridge Rd, Carlisle, Pa. Silver Spring Twp., Cumb. Co. For Howard Scarff & Lance A. Scarff. J. Omar Landis Auction Service.

THURS. MAY 6 - 3PM Household goods, farm equip., lumber, irrigation system for Elwood Troup. RD Beaversporings, Pa. Hassinger/Courtney, aucts.

THURS. MAY 6 - 3:30PM Real estate, antiques, household goods, & guns. Denver Area. Located at 1020 South Ridge Rd., East Cocalico Twp., Lanc. Co., Pa. For Mary G. Hainley. Horst aucts.

FRI. MAY 7 - 10AM, Dairy Farm, Machinery, Dairy Herd Auction. Located In Cumberland County, 1 Mile East Of Bloserville, Off Route 944 On Wildwood Road, Farm On Left, Watch For Sale Signs. Owners, Leon & Joan Kline & Steve & Lisa Kline. Sale Managed By, Kling's Auctions, Inc.

FRI. MAY 7 - 2PM Real estate for Charles J. and Nancy R. Anchor RD1 Milton, 70 acre farm with 2 story colonial brick home. Looking for a gentleman's farm? You won't want to miss this one. Hassinger/ Courtney, auct

FRI. MAY 7 - 2PM, Cow & Bull Sale. Located At Preston Farmers Market, Inc., Sanders St., Terra Alta, W.V. Leonard Custer, Auct.

FRI. MAY 7 & SAT. MAY 8 - 5PM, Sat. 9AM, Real Estate At 2PM. 2 Commercial Properties In Village Of Intercourse, Household Goods, Antiques, Coins, Books & Old Photo Equipment. Located 12 Miles East Of Lancaster In the Village Of Intercourse At 3542 & 3544, Intercourse, Leacock Twp., Lanc. Co. Pa. Terms By, Elmer D. & B. Elizabeth Zimmerman. Robert E. & Jeffrey R. Martin, Aucts.

FRI. MAY 7 - 1:30PM State graded pig sale. Westminster Livestock Auction, Westminster, Md.

FRI. MAY 7 - 6:30PM 125 acre farm, farm equipment. Follow Rt. 93N from Hazelton & Rt. 80 over the Mt. toward Hescopek, a total of 4 miles to the Rt. 93 & Rt. 239 intersection, turn W onto New Zenith Rd. Go .8 mile to 2nd farm on R, Luzerne Co., Pa. By Merlin L & Carol J. Smith. Ralph W. Zettlemoyer Auction Co., Inc.

FRI. MAY 7 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

SAT. MAY 8, The Northeast Kingdom Sale, 100 Registered Holsteins Sell, Several Sell Carrying Al + Embryo Contracts. The Best Of The Breed Sell, Plus 30 Big Fancy Bred Heifers. Located Barton, VT. Reg Lussier, Auct. Northeast Kingdom Sales, Inc.

SAT. MAY 8, Household Goods & Antiques. Located 1295 Martins Drive East Earl 1 Mile East Of Blue Ball. Owner, Lester Good. Nevin Z. Martin & Sons, Auct.

SAT. MAY 8 - 8:30AM, Farm Machinery, Tools, Lawn & Garden Equipment Etc. Located At Hills Auction On Route 896 1¼ Miles South Of Kemblesville Pa. & 5 Miles North O Newark, Del. Harold S Hil & Son, Aucts

SAT. MAY 8 - 8:30AM, Continued Sale From May 1 Of Russell Shertzer Estate Of Antiques, Household Goods & Guns. Auction By, Donald Pankake Harry H. Bachman, Auct.

SAT. MAY 8 - 9AM, Metal Working Equipment, Computers, Etc. Liquidation Auction. Located On Site At The Hanover Senior High School, 401 Moul Ave., Hanover, Pa. Randy L. Hilker, Auct.

PUBLIC AUCTION
REAL ESTATE - RANCH STYLE HOUSE - ANTIQUES - HOUSEHOLD GOODS - BANK STOCK - AUTOMOBILES
SAT., APRIL 24, 1993
8:30 AM

12 South 8th Street, Mt. Wolf, PA - York Co.

12:00 NOON REAL ESTATE
12:00 NOON

Ranch style house on a corner lot of 100'x150'. Large L shaped living room w/ fireplace, wall to wall carpet & with a great view of Mt. Wolf, 1st floor consists of kitchen, bathroom with shower, large bedroom, & inlaw quarters of bedroom, Full bath, kitchen, & setting room. Basement level has carpeted recreation room with fireplace, kitchen, ½ bath, cold cellar area & 2 car garage. Macadam driveway, alarm system, frame structure with aluminum siding, mature shrubbery & shade trees.

TERMS: 10% down. balance in 60 days. For inspection phone 266-1983 or 764-6412.

12:30 PM BANK STOCK
12:30 PM

3145 Shares of Drovers & Mechanics Bank Stock. (Will be sold in lots of 50 with exception of 1 being 45 shares).

8:30 AM ANTIQUES - HOUSEHOLD GOODS - TOOLS ETC - 8:30 A.M.

(This Is Only a Partial Listing)

Secretary Desk w/Slant Front, Empire Chest of Drawers, Boot Jack & ½ Spindle Plank Bottom Chairs, Rope Poster Bed, Gone with the Wind Light, Night Stand, Pine & Cedar Chests, Mahogany Dresser & Chest of Drawers, Twin Pineapple Poster Beds, Gate-leg Cherry Dropleaf Table, Cherry Open Hutch, 6 Cherry Chairs, Duncan Phyfe Round Table & Coffee Table, Boston Rocker, Grandfathers Clock w/ Moon Face Made by John Shaffer, Blue Flowered Crocks & Other Crocks, Candle Stand, End Stands, Decorated Chest, Knee Hole Desk, Zinc Lined Dry Sink w/Cabinet Top, Gate Leg Table, Jelly Cupboard, Wooden Case Time Clock, Zinc Lined Dry Sink, Marble Top Wash Stand, Marble Top Dresser, Everhart Pump Organ - Made in York, Organ Stool, Clothes Tree, Cherry Boy, Wood Box, Chesse Boxes, Childs Drop-leaf Table, Sewing Cabinet, Baskets, Apple Boxes, Lanterns, Gun Cabinet, 2 Iron Pots, Braided Rugs, Table & Floor Lamps, Kerosene Lamps, Copper Items, Tin Items, Collection of Creamers, Porcelain Birds, Carriage Lamps, Hanging Kerosene Lamp, 3 Prong Wooden Fork, Coffee Grinder, Old Picture Frames, Flat Iron, Sleigh & Cow Bells, Candle Molds, York Safe 21"x21"x32", Game Table & Game Boards, Side by Side Refrigerator, Tappon Gas Stove, G.E. Washer, Norge Electric Dryer, Sterling Items, Fostoria Glassware, Johnson Bros., Electric Lift Chair, Living Room Furniture, Bedding, Quilts, China Glassware, Lenox Chian, Vinegar Cruet, Navy Uniform, Hunting Suite, Hats, Canes, Vases, Edge Glass, Pots & Pans, Cooking Utensils, Small Appliances, Books, Sewing Machine, Seasonal Decorations, & Many, Many, More Items Not Mentioned.

Long Handled Tools, Pruners, Lawn Boy 21" Mower, Yardman 22" Snow Blower, Echo Chain Saw, Int. Cadet 85 Mower & Bagger.

1:00 PM GUNS 1:00 PM

Remington Model 29-12 Gauge Pump, Remington Model 760 30-06 Pump, Colt Automatic 32, Packer Double Barrel 12 Gauge (A2007K4), Richard Double Barrel 12 Gauge (13625), Ive Johnson 12 Gauge Single, Champion 12 Gauge Single, Springfield Model 94A - 12 Gauge Single, Remington 22 Long Rifle Semi Automatic, US Springfield Rifle with Bayonette.

11:30 AM CAR 11:30 AM

1980 Olds Brougham, 21,000 original miles, 4 Door, All Power.

NOTE: This is only a partial listing of items we have to sell. Auction will be all day!

TERMS: Cash or Good Check.

Seller: Estate Of
RICHARD K. SEITZ
Executrix: Dorothy A. Flinchbaugh
Attorney: Eveler & Eveler

Auction Conducted by:
Rentzel's Auction Service
Emigsville, PA 764-6412
PA Lic. #761

LIQUIDATION AUCTION

Complete Retail Store Inventory For Creative Dreams Unlimited, Inc.
Held on the premises at 3120-3136 Hamilton Blvd., Allentown, South Whitehall Twp., Lehigh County, PA

ON FRIDAY, APRIL 23, 1993
@ 10:00 A.M.

Inspection: Thurs., April 22nd 1:00-6:00 PM, Day of auction from 8:00 AM to sale time.
Directions: From Harrisburg & West: Take I-81 North to I-78 East to Allentown, follow signs for I-78 East/Rt. 309 South to Exit 16 Hamilton Blvd. (Rt. 222), From Exit Ramp Follow Rt. 222 North Approx. 1¼ Mi. to Creative Dreams Store on Right (just past Traffic Light at Cedar Crest Blvd.) From Quakertown, Phila. & South: Take Rt. 309 North to Allentown, Follow Signs For I-78 West/Rt. 309 North to Exit 16 - Hamilton Blvd. & follow Above Directions.

LARGE SELECT. OF NEW RECREATION & NOVELTIES INCL: 7 REGULATION POOL TABLES - 3 made by Billiard Manufactory incl. Chipp., Virtu & Lemeiux models - 3 by Sterling Billiard Co. incl. Sparta model - 1 by Peter Vitale; SEEBURG #SP5160 JUKEBOX (SN 1-387258); KARATE CHAMP VIDEO GAME: 2 LG. REPRO. CAROUSEL HORSES; 3 Coca Cola Vendor/Coolers; Pepsi Cola Ice Cream PARLOR COUNTER & 2 STOOLS; 2 Popcorn Vendor Carts by Gold Medal; 20+ NEON BEER ADVERT. SIGNS (ALL BRANDS); Bumper Pool Table & chairs; lg. free standing aquarium; Garfield aquariums; CEMANCO FRENCH WICKER SWINGING PORCH SETTEE; Brevard Roulette & gaming table; lg. select. of battery operated novelties; quant. of GLASS BLOCK STANDING SEETHRU TELEPHONES; NEON TELEPHONES, Hero Hoops indoor basketball, "Paw" Massagers, sports team coolers, Radius toothbrushes, Laureen Marems humorous business card holders, Classic Car paper dispensers, Tick Tock Walking alarm clocks, Rock 'n Amigos, talking ashtrays, Zoom Copter toys, Singalodeon recording studio units, Cleo speakers, Sting Ray light show lamps, Decision Maker banks.

PLUS: Barracuda Beta swimming pool cleaner, Hayward pool filter & pump, new pool hose, quant. of new brass hardware, faucets, light bulb, Christmas decor., outdoor furn., ALSO: Data Terminal Systems Series 2500 Cash Register, warehse, cart. 120+ linear ft. of free standing store display shelving by HANDY STORE FIXTURE (in sections), PLUS MORE.

TERMS: Cash or Cashier's Check, Other Checks with Prior Approval From Auction Co.

SANFORD
ALDERFER AUCTION COMPANY
ROBERT H. CLINTON, AUCTIONEER
PA Lic.-AU-001750-L
P.O. Box 29 Ottsville, PA 18942 (215) 847-5432

PUBLIC SALE

We will offer for sale the following farm equipment located 7 miles South of Martinsburg, WV or 14 miles North of Winchester, VA off Interstate 81, Take Exit #5 (Inwood) Route 51 East approx. 3½ miles East of Inwood, WV turn right at Shutts Cash Grocery - .2 mile to sale.

SATURDAY, APRIL 24, 1993
At 9:00 A.M.

We will offer for sale approx. 25 farm tractors, lawn & garden tractors and approx. 250 pieces of new and used farm equipment including rakes, rotary cutters, balers, yard rakes, plows, new utility trailers, household articles, misc. assort. of reg. chocolate, dietetic chocolate, nuts and other food items for candy making, also some hand dipped candy and many other articles too numerous to mention.

TERMS: Cash or good check. Nothing to be removed until settled for. ID required to acquire a bidding number. All announcements sale day take precedence over all advertising.

Open Daily - Monday through Saturday 8 am until 5 pm
Consignments Welcome - No Consignments taken on Sunday
Bring a load - Buy a load - Trade a load

Edgar A. Bohrer, Sr. - Sale Manager
WV Lic. #18
Edgar A. Bohrer, Jr. - App. Auctioneer
WV Lic. #A-78
304-229-8354

Not Responsible For Accidents On Premises
Lunch Rights Reserved

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT MAY 8 - 9AM Real estate, house goods, tools Loc Auction will be held at the Quarryville Hoffman Bldg (Fair grounds) Real Estate Loc 401 W. Fritz Ave Quarryville, Pa By Charles & Laura McSparran. Kreider, Kline & Good, aucts

SAT MAY 8 - 9AM 1974 Chrysler New Yorker, 1960 Dodge dump body truck, snowmobile trls, Ferguson 30 tractor, MF 72 combine, farm equip, floral store equip & supplies, household goods & antiques In N. Lehigh Co., next to Heidelberg Heights, Lehigh Co., Pa. By Melvin & Elaine Hausman Ralph W Zettlemoyer, auct Co

SAT MAY 8 - 9AM Antiques, barn related items, personal property. At 359 Habecker Church Rd., Lancaster, Pa., Manor Township, Lanc Co For Charles & Anna May Habecker. J Omar Landis Auction Service.

SAT. MAY 8 - 9AM 18th Annual consignment sale for Cumberland Valley Amish Schools. Held at Jacob Flaud Farm, Newburg, Pa. Auctioneer Steve Petersheim.

SAT. MAY 8 - 9AM, Real Estate, Antiques & Household Goods. Located At 1232 W. Main St., Ephrata, Lancaster Co., Pa Sale For, Tillie E. Wolf Estate. Horst Aucts

SAT. MAY 8 - 9:30AM Rescheduled from March 20. Located along Thornwood Rd., Shippensburg, Pa Tractors, Farm Machinery, tools, old farm related items and collectibles Henry & Mable Grove, owners. Bryan D. Imes, auct

SAT MAY 8 - 9 30AM, Kilts Farm All Day Auction Located Bath, New York Pirrung Aucts., Inc. 716-728-2520

SAT. MAY 8 - 10AM 101 acres M/L, very desirable York Co land in an ideal location For J Thomas Dalton and Joann E Dalton RD #3 Box 422, Stewartstown, Pa 17363 Bob & Tom Sechrist, aucts

SAT MAY 8 - 10AM, Printing Equipment, Some Building Supplies, Honda 125 Four Trax 4 Wheeler (Nice) Located On Rt 487, 8 Miles South Of Benton, Pa, Exit I-80, Lightstreet Exit, Take Rt 487 North Towards Benton, Pa Sale ¼ Mile Past Zehner's Bridge. Watch For Signs About 18 Miles North Of Bloomsburg, Pa, On Rt 487 North. Seller, Keith Bankes. Nevius Auction Service.

SAT. MAY 8 - 11AM Holly Hill Farm Corp., Cow/Calf Pairs, Open & Bred Heifers, Service Age Bulls Culpeper Agricultural Enterprises, Inc, Culpeper, Va Coleman Sales, Inc

SAT. MAY 8 - 11AM, 9+ Acres Multi-Zoned Parcel. Located NE Corner Rt 176 & Rte. 23, Morgantown, Caernarvon Twp, Berks County, Pa. Kenneth A Geyer, Auct

SAT. MAY 8 - 11AM, Real Estate & Land Auction Located At Farmette From Rt 83 Take Rt 1 Shrewsbury 851 E 1½ Mi. Turn Left On Sawmill Rd. Go 1¼ Mi. To Auction Sign On Right. Keesey & Company

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PUBLIC AUCTION
Saturday, April 24, 1993
11:00 a.m.
Dublin Township, Huntingdon County
2.6 miles east of Shade Gap, PA
off Route 641 at Clark's Repair Service, south 3 miles

REAL ESTATE of VERNAL JOHNSON

Approximately 97 acres (90 acres wooded, 7 acres cleared). Five room frame house with two baths, no central heat, full basement, small shed. Identified as Property Code 12-10-36. Recorded in deed book 63, page 114, in Huntingdon County Courthouse. Home of Peggy Bradnick when abducted by the Mountain Man.

TERMS: 10% Down. Balance on delivery of deed. Reserve the right to reject any or all bids. Subject to Court approval.

MACHINERY - AS IS

Horse-drawn McDeering mower, 8' disc, side delivery rake, two 2-bottom plows, dump rake, Int. 2-way plow, cultivator parts.

TERMS: Cash.

Dale Gibboney, Auctioneer
AU 335-L

Harvey Reeder, Attorney
Penn Central National Bank, guardian

ROBERT R. FOUST, AUCTIONEER
PA. LIC. #AU00-1189L

PUBLIC SALE
OF FARM MACHINERY

At Rose-Lo Acres At 6537 Roxbury Road, Shippensburg, Pa. If Traveling I-81, Use Exit 10 (King St., Exit) To Shbg., Turn Left On King St. Appr. 1 Mile To Roxbury Road, Sale Is Appr. 7½ Miles From Shbg. Watch For Sale Signs.

FRIDAY - APRIL 23RD -
10:00 A.M.

John Deere No-Till 4 Row Planter, Gravity Wagon, Model 901 Ford Tractor With 2 Row Picker, New Holland, Model 56 Hay Rake, (4) Flat Wagons, Cultipacker, JD 24 T Baler, Corn Sheller, Transport Disc, 3 Section Harrow, Deutz Haybine, Tank Sprayer, JD Plows (3) 14", Harvester Box Forage, (As Is) Long 610 Tractor With Loader 4 Wheel Drive, (Heavy Duty), Elevator, Chevy Dump Truck, Small Disc., Misc. Hog Equipment, Farrow Crates, (2) Spreaders (As Is), Wagon Load Of Misc. Items.

Larry D. & H. Louise Rosenberry

TERMS: Cash Or Approved Check
Identification Required For Bidders Number
Not Responsible For Accidents
For Information Call (717) 532-6610
Lunch Stand Reserved

3rd Wednesday & Thursday of Each Month
MONTHLY TWO DAY SALE OF FARM EQUIPMENT

at our place of business located 6 miles south of Chambersburg, PA, one mile east of Marion, just east off Rt. 81 at Marion Exit 4 along Rte. 914 on

Wed., April 21, 1993
8:30 A.M.

Lawn and garden tractors, chain saws, tools, pipe and usual run of hardware and misc. items.

Thurs., April 22, 1993
8:30 A.M.

Balance of misc. items, tires, posts, etc.

10:00 A.M.

Farm equipment of all types, makes and models. Some trucks and trailers. **Tractors** of various makes and models, some with loaders. **1976 J.D. 4230 cab, air, quad range** N.H. 848 round baler used 4 seasons. Skid loaders and some Ind. Equipment expected.

Farmers & Dealers- We accept consignments daily 8 AM to 5 PM. Sat. 1 PM. Closed Sundays. No equipment with liens accepted unless we are notified. **Full line of new 3 pt. equipment sold daily.** Compare our prices before buying.

Terms - Cash or Good Check. ALL accounts to be paid days of sale!

Breakfast and lunch at sale

Next Sale May 19,20
Marion Auction Service
(formerly Ralph W. Horst Sales)
Jerrold L. Jr. & Gloria Oaks,
Owners & Managers
License #AH-89-L
5174 Horst Rd.
Chambersburg, PA
Phone: 717-375-4700
Rentzel, Wolgemuth, Bohrer, Gossert, Harry, Auctioneers

VILLSMEIER ABSOLUTE **auction**

93C002

CRANES, CRAWLER TRACTORS, LOADER BACKHOES, DEMO HAMMER, BUCKET TRUCKS, LINE EQUIPMENT, PIERCING TOOLS, LANDSCAPE EQUIPMENT, TRUCKS, VEHICLES

SATURDAY, APRIL 24 - 8:30 A.M.
Strinestown, PA (Off Interstate 83 - Between York & Harrisburg)

HENKELS & McCOY

NOTICE: Henkels & McCoy, a utility contractor, is selling equipment and vehicles surplus to its present needs. A limited number of consigned items have also be accepted. Everything in the sale will absolutely sell to the highest bidder regardless of price.

LOCATION: The sale will be held at Henkel's & McCoy's shop and yard facility on Route 295 in Strinestown, Pennsylvania (7 miles north of York, just off Exit #12 of Route 83).

CRAWLER TRACTORS, RUBBER TIRED LOADER,GRADER & ROLLER

J.D. 450C Crawler Tractor, s/n 325162, dsl., powershift; **CAT D7B,** dsl., direct drive, w/Carco winch; **HOUGH H50 4x4** R.T. Loader, s/n 17BH2190, dsl., powershift; **AUSTIN-WESTERN 6x6** Motor Grader, s/n V36610736, Cummins dsl.; **I-R SP-20** W-B Vib. Roller, s/n 5746S, dsl.

(25) TRACTOR LOADER BACKHOES & DEMOLITION HAMMER

CASE 580K 4x4, s/n JJG0009516 ('88) dsl., shuttle, EROPS; **CASE 580 Super E (Extendahoe),** s/n 17034896 ('86) dsl, shuttle, EROPS, **CASE 580 Super E (Extendahoe),** s/n 17033294 ('85) dsl, shuttle, ROPS, (4) **CASE 580 Super E,** s/n 17045330 to 17044760 ('87) dsl., shuttle, ROPS; (2) **CASE 580 Super E,** s/n 170227678 & 9874004 ('84) dsl, shuttle, ROPS; (2) **CASE 580D,** s/n 9082061 & 9078128, dsl, shuttle, ROPS, **CASE 580D,** s/n 90522455, dsl., shuttle, EROPS; **CASE 580C (Extendahoe),** s/n 9009650, dsl, shuttle, EROPS; (4) **J.D. 310B,** s/n 723503 to 716679 ('85), dsl, shuttle, ROPS; (8) **J.D. 310B,** s/n 716557 to 711027 ('84), dsl, shuttle, ROPS; **HY-RAM** Hyd. Demo Hammer.

DIG-IT, SEWER RODDER & MAGNET

DIT-IT 158 Tow-Behind Backhoe, gas; **O-BRIEN** Port. Sewer Rodder, gas; **WAGNER** Tow-Behind Magnet (249 hrs)

RUBBER TIRED TRENCHERS, DROP PLOWS, PIERCING TOOLS

(2) **D-W 5010DD 4x4,** s/n 6D0047 ('87) & 500213 ('83), dsl., direct drive; **D-W 4010DD 4x4,** s/n 6E1012 ('88) dsl, direct drive; **D-W R60 4x4,** s/n 46558, gas, direct drive; (2) **D-W 5010DD 4x4** R.T. Drop Plows, dsl, direct drive; **CASE/DAVIS 70+4,** s/n 1141635, dsl., hydrostatic; **CASE Mini Sneaker Art.** Drop Plow, s/n 1243166 ('85), gas, hydrostatic; **D-W 1410 W-B** Trencher, s/n 145417 ('83) gas; (3) **D-W C-99** W-B Trenchers, s/n 115990 to 110964, gas (1-N/R); **D-W J20** W-B Trencher, s/n 29544, gas; **D-W M-3** W-B Trencher, s/n 8596, gas; **Asstd. D-W** Trencher, Drop Plow & Misc. Parts; (3) **ALLIED & ACHRAMM** 4" Pneu Underground Piercing Tools; (3) **ALLIED** 3" & 2-1/8" Pneu. Underground Piercing Tools

STUMP GRINDERS, TREE SPADE, & SPRAY UNIT

WAYNE Port. Stump Grinder, s/n 6053377, gas, **VERMEER 186** Self-Propelled Stump Grinder, gas; **STUMPSTER** PTO Pwrd 3 pt. hitch Stump Grinder; **VERMEER TS32** 32" Hyd. Tree Spade; ***FMC 300 gal.*** Port. Spray Unit, gas.

PNEUMATRACTOR & (16) AIR COMPRESSORS

SCHRAMM HT-300A Pneumatractor, dsl., hydrostatic, w/300 cfm compr. & backhoe; **I-R 185 cfm,** s/n 146577-U85-957, dsl.; **I-R 175 cfm,** s/n 121373-U81-928, dsl.; **I-R 160 cfm,** s/n 161590-U87-179, dsl, (2) **I-R 100 cfm** Skid Mtd., s/n 175441-U89-141 & 175440-U89-141; (3) **GRIMMER-SCHMIDT 175 cfm,** s/n 17511696 to 175110080; (5) **GRIMMER-SCHMIDT 125 cfm,** s/n 12512004 to 12510009; **SCHRAMM 160 cfm,** s/n 213653; **ATLAS COPCO 150 cfm,** s/n ARP653853, dsl; **SMITH 90 cfm,** s/n 90A1141.

(26) BUCKET TRUCKS

TECO V5-50I-5-TBF 50', s/n S17705, double bucket, on '77 Chevy C60 Util Trk; **PITMAN H550MN21 50'** Matl Handling, s/n 71094073353 on '73 Chevy C65 Util Trk; **McCABE POWERS HAB55250 50',** s/n 39547, on '73 GMC 7500 T/A Util Body Trk; **HI-RANGER 5TD-48PBI 48',** s/n 4703681, double bucket, on '80 Ford F700 Util Trk; **TECO T-5461-4TS2 46'** Matl Handling, s/n 21558508, dual single buckets w/rotators, on '84 GMC Util Trk; **ASPLUNDH LA45 45'** Matl Handling, s/n 72-2651, on '79 GMC 7000 Util Trk; **TELELECT 4042 42'** Matl Handling, on '87 GMC 7000 Util Trk (Low Mileage); (4) **HOLAN Bronco 804 42'** Matl Handling, s/n 5-22390 to 5-22311, on '76 Chevy C65 Util Trks; **ASPLUNDH L-42 42',** s/n 671320, on '81 IHC 1724 S/A Flatbed Trk; (2) **PITMAN Hot Stick 41'** Matl Handling, s/n 7126-1569-618 & 7126-1569-606, on '79 GMC 7000 Util trks; **HI-RANGER 5G1-49PBI 40'** Matl Handling, s/n 1227910503, on '81 GMC Util Trk; **VERSALIFT SHV-36-P1 36'** s/n 138603, on '86 GMC 7000 Util Trk; **HOLAN 8500 Aerial Lift,** s/n 5-22274, on '76 Ford F600 Util Trk; (2) **TELSTA SU34 28'** Telescopic, s/n 022036D & Unk., Onan generators, on '80 Ford F600 Util Trks; **TELSTA SU32 27'** Telescopic, s/n 020003, Onan generator, on '80 Ford F600 Util Trk; **SERVILIFT** Telescopic, s/n 121363, generator, on '80 Chevy C70 Util Trk; (2) **SERVILIFT 28'** Telescopic, generator, on '77 Ford F350 S/A Mechanics Boyd Trks; (2) **VERSALIFT VT-28-B 29'** Telescopic, s/n 1186241 & 1186237, on '86 Ford E350 Panel Vans; TELSTA A28C 28' Telescopic s/n 655030, on '86 Ford E350 Panel Van.

DIGGER DERRICKS, PRODUCTION DIGGERS

ALTEC 14,800# Digger Derrick, on '80 Ford C800 Util. Trk w/bed winch; **PITMAN 15,000#** Digger Derrick, on '77 GMC 7500 Util Trk, w/bed winch & air brakes; **PITMAN 15,000#** Digger Derrick, on '78 GMC 4x4 Crew Cab Util Body Trk, dsl; **PITMAN 13,000#** Digger Derrick, on '78 Chevy C65 Util Trk, w/bed winch; **PITMAN 11,000#** Digger Derrick, on '74 Chevy C65 Util trk, w/bed winch; **PITMAN 9,500#** Digger Derrick, on '86 Ford F700 Util Trk (26,903 ORIG Miles); PITMAN 7,500# Digger Derrick, on '83 Ford F700 Util Trk, dsl., w/bed winch; **MUSKEAG DMC-1200 7,000#** Digger Derrick, on '71 Crawler Chassis, **HUGHES EX112** Prod. Digger, on '76 Ford F700 Trk, dsl; **WILLIAMS ADH12** Prod. Digger, on '68 IHC 4x4 Trk; **MORRISON LT10000** Hyd. Reel Loader, self-loading, on '86 Ford F700 S/A Flatbed Trk, dsl.; **MID-AMERICA MARCLH8D** Hyd. Reel Loader, self-loading, on ;82 Ford F700 Trk, dsl.; **'87 FORD F700** S/A Flatbed Trk, w/cable reel lift; (2) **'84 FORD F700** S/A Flatbed Trks, w/cable reel lifts; (2) **FORD F750 & IHC 1800** S/A Flatbed Trks, w/3 reel stands; (2) **LEITHISER TB15 & TB10** Tension Boosters, 15,000# & 10,000 # cap., trlr mtd.

PLUS: MANLIFTS • SCISSOR LIFTS • LINE EQUIPMENT • BOOM & KNUCKLEBOOM TRUCKS • 55 TON HYD. TRUCK CRANE • SINGLE AXLE DUMP TRUCKS • SINGLE AXLE FLATBED TRUCKS (Some with ORIG Miles) • WELDER & MECHANICS TRUCKS • TAGALONG, TANK, REEL & POLE TRAILERS • UTILITY & VAN BODY TRUCKS • CAB & CHASSIS • OVER 650: 4x4 & PICKUP TRUCKS • CARS • VANS • SUBURBANS • CONSTRUCTION/LINE TOOLS • ATTACHMENTS • CONTRACTORS TOOLS • GOLF CARTS •

ABSOLUTE AUCTION - EVERYTHING SELLS AS-IS WHERE-IS TO THE HIGHEST BIDDER REGARDLESS OF PRICE.

TERMS: Complete payment sale day in cash or Guaranteed Funds Only.

INSPECTION: Thursday and Friday, April 22 and 23, from 8:00 a.m. to 5:00 p.m.

Site Phones: (717) 266-0922 or 0734 (As of April 12th)
PA Auction License: RH-000021-L

VILLSMEIER AUCTION CO., INC.

1-800-BID-N-BUY
Rt. 309 Montgomeryville
Pa. 18936/215-699-5833

Public. Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. MAY 8 - 7PM, Annual Spring Grass Cattle Sales. Located At Friend's Stockyard, ½ Mile South Of Keysers Ridge On Rt. 219, Accident, Md. 21520.

MON. MAY 10 - 4PM, Real Estate, Antiques & Household Goods. Located At 1006 Main St., Akron, Lanc. Co., Pa. Sale For, Clayton R. Huber Estate Horst Aucts.

TUES. MAY 11 - 3PM, Household Goods, Antiques, Coins, Tools & Car. Located ½ Mile West Of New Holland, Turn Off Rt. 23 At Good's Furniture Store On North Shirk Rd., Second St, Left To 726 Walnut St, Lanc Co., Pa Terms By, Susanna Heller. Robert E & Jeffrey R. Martin, Aucts.

WED. MAY 12 - Arnold's Hog production sale, Lebanon Area Fairgrounds Harry H. Bachman, auct

THURS. MAY 13 - 9AM, 100 Acre Farm & Antiques Located In West Cain Township, East Of Compass, Pa. At The Traffic Light & Turkey Hill Minit Market Follow Rt. 10 Approx. ¼ Mile. First Rd To Right & Follow Signs Along Leary Rd. Provisions Will Be Made For Parking At Top Of Hill Along Leary Rd. The Cairns Family. Ira & Dale Stoltzfus, Aucts

WED. MAY 12 - 3PM, Antiques, Household Goods, Guns & Tools. Located At The Horst Auction Center At The Corner Of Rt. 322 & Durlach Rd (Approx 2½ Miles West Of Ephrata), Ephrata, Lancaster County, Pa. Sale For, Rachel Baron Estate, Mr & Mrs Frank Eckhart Horst Aucts

FRI. MAY 14 - 9AM Farm Equip & Supplies, A&C Diffenbach Auction Inc 100 W. Jackson St, New Holland. Alan Diffenbach, auct

FRI. MAY 14 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

FRI. MAY 14 - 7PM, Feeder Cattle Sale Located At New Holland Sales Stables, Inc., New Holland, Pa

SAT MAY 14 5:30 & SAT. MAY 15 & 22 9AM, Real estate, household goods, antiques, glassware, collectibles, tools, car & riding mower. On West side of East Petersburg turn off Rt 72 on 722 west or State St at 1615 State St. in Borough of East Petersburg, East Hempfield Twp. Lanc. Co., Pa. By Henry B Gochnauer. Robert E & Jeffrey R Martin, aucts

SAT MAY 15 - Household Goods, Riding Mower, Guns, Tools, Winross Trucks. Located At 652 Wentzel Rd, East Earl, Pa Sale For, Harry M. And Emma Martin Nevin Martin & Sons Aucts

SAT MAY 15 - 8AM, Estate Auction For Mrs Stanley Miller Selling Household, Antiques, Collectibles Located On Route 309 At New Tripoli, Take Rt 143 West For 2½ Miles (Past Ontelaunee Park) Turn Onto Gun Club Rd. For ¼ Mi. Conditions By, Robert S Miller, Executor James W Mohr & Son Auction Co.

SAT. MAY 15 - 8 30AM, 4 Buildings Loaded w/ Antiques & Collectibles Owner, Dorothy Thompson. Steve & Steve Jr., Petersheim

SAT MAY 15 - 9AM Consignment sale At the Lebanon Valley Livestock Market - (1 mile east of Fredericksburg on US Route 22) Leb Co., Pa Nelson L Ebersole, auct

SAT. MAY 15 - 9AM Real estate, household goods, mechanical tools. Loc: 104 Church St Refton, Pa. By Thomas & Donna Bucher. Kreider, Kline & Good Aucts.

SAT. MAY 15 - 9AM, Power & Hand Plumbing Tools, All Kinds Of Plumbing Supplies, Oil Burner Supplies, 18' Camper Trailer Located 1068 Martic ville Road, Pequea, Lanc Co, Pa (Dir. Off Rt 324, Near Martic Forge Hotel) Sale By, Mrs. Edward L. Kneisley Howard Shaub, Inc Auct

SAT. MAY 15 - 9AM, Fine Antiques, Household Goods, Local Advertising Items, Prints & Tools Located At The Horst Auction Center, At The Corner Of Rt. 322 & Durlach Rd. (Approx. 2½ Miles West Of Ephrata), Ephrata, Lancaster County, Pa Sale For, Romaine H Fasnacht Horst Aucts.

SAT. MAY 15 - 9AM, Farm Machinery & Access, Antiques & Collectibles, Glassware, Guns & Household Goods Located At 700 Rutter Road, R D Halifax, Pa 2 Miles North Of Halifax, Pa. On Rt 225 North To Rutter Road And 2 Miles East To Sale Approx. 7 Miles South Of Elizabethville, Pa On Rt 225 South To Rutter Road (Rutter Road Is Adjacent To Kiner's Auto Salon) Approx 21 Miles Northeast Of Harrisburg, Pa On Rt 225 North At Dauphin, Pa Watch For Sale Signs The Day Of Sale. Ownerrs, Mr & Mrs Lawrence Hartman David Deibler & Ed Shoop, Aucts

PUBLIC AUCTION

125 ACRE FARM - FARM EQUIPMENT

Fri., May 7, at 6:30 PM

Follow Rt. 93N from Hazelton & Rt. 80 over the Mt. toward Nescopek, a total of 4 miles to the Rt. 93 & Rt. 239 intersection, turn W onto New Zenith Rd. Go .8 mi. to 2nd farm on R, Luzerne Co., Pa.

REAL ESTATE- 125 acres of gentle rolling land, approx. 110 acres are tillable, bal. is pasture land, also a farm pond & stream.

DWELLING - A two & one half story frame w/alum. siding, has lg. eat in kit., LR, 3 BRs, bath & laundry.

BARN- 78'x134' clear span Quonset type w/100 free stalls, plus a 60'x72' two story addition, includes extra pen area & hay storage.

EQUIP. STORAGE BLDG. - 50'x150' Quonset type, plus other storage bldgs. For inspection call (717) 379-3288.

Terms: 10% day of Auction, bal. on or before July 1, 1993. Broker participation invited.

FARM EQUIPMENT - NH 276 Hayline baler w/thrower; NI mower conditioner; NH 256 rake; JD 1240 min till 4 r c planter; Int. #10-16 dbl. disc grain drill w/fert, grain & grass band seeding attach; Farmec gravity wagon; (2) 8'x16' (new bed) flat wagons; (2) 7'x16' wdn bale side wagons; 20' tube type bale elev; 3 pt. homemade culti w/side dressing attach.

Terms: Cash or approved check.

Sale Order: Real Estate offered at 6:30 PM, followed by equip.

Ordered by:

MERLIN L. & CAROL J. SMITH

Conducted by

P.O. Box 215 • Fogelsville PA 18051 • 215 395 8084 • License #AU001809 L

RALPH W. ZETTLEMOYER AUCTION CO. INC

PUBLIC SALE

SATURDAY, APRIL 24, 1993

AT 11:00 A.M.

Located At George Stambaugh Farm, 3419 Ritner Hwy., Newville, Pa.

Directions: I-81 Exit At #11 Go N. Rt. 233 (½ Mi.) South U.S. Rt. 11 ½ Mile, Watch For Sale Signs.

Case Dozer 1150, Double Angle, Blade Roof, 2200 Hrs; **D.B. Case 1212** Power Shift; **JD 95** Combine Corn & Soybean Special, Cab, Air, New Style Feeder House w/reverse (Low Hrs.) 23" Rubber, **JD 213** Flex Head; **JD 343** 3RN Corn Head; **Case 1845** Special Skid Loader Gas 1100 Hrs., **NH 445** Skid Loader Deutz Diesel 2 Buckets; **Grain Bin & Dryer 10 HP** Shiver System 6000 Bu. (To Keep Up To 6R Combine); **Snowco Grain Cleaner** Auger & Elec. Motor; **Cardinal** 52' Grain Transport Auger PTO & Motor Mount; **2- Grain Box Killbros** 425 Bu/2' Extension On 12 Ton Tandem Axle Zimmerman Gears, **Badger Grain Crimper** 5 HP On Stand; **Fiberdome** Fiberglass 8 Ton Feed- Mineral Extra Thick; **JD 3940 Harvester** Electric Control Hydraulic Tongue, **JD 5' Pickup Head; JD 2RN Corn Head; JD 2RW Corn Head; IH 56 Blower; JD 346 Baler** 30 Kicker Injector, **NH 495 Haybine; Pequea Hay Turner; 2-Diller Steel Hay Wagon 20'** Tandem Running Gears, **Zimmerman 30' Hay Elevator** Electric Motor; **IH Sub Soil Auto Reset #14** 5 Shank Use 500A; **IH Auto Reset #700 5B Plow** 18" Land Hitch, **Case 19' Wing Disk Rock Flex; Harrogator** 20' Flood Wheel Transport Hy-Lift, **Glenco Soil Saver** 8' Disk 5 Shank Chisel, **Martin 1466 Scavenger Manure Spreader** #1466 Tandem; **Welsh Sprayer 200 Gal.** 3 Pt 30 PT. Boom, **Trailer** 2 Big Wheel, 8x8 Box, **Diesel Fuel** 110 Gal. Pick-Up Tank, 300 Gal Skid Tank, Electric Pump; **5-DeLaval** Auto Take-Off Super Claw, Electric Pulsating, **NH 273** Square Baler w/Kicker; **NH 518** Manure Spreader, **Bethlem Grain Dryer,** Portable 500 Bushels; **JD 220** Riged 20'

A NUMBER OF ITEMS ALSO SELLING FOR GEORGE STAMBAUGH

Kidd Big Bale Chopper (Used 3 Mo.); **NH 326 Wire Baler** Paint Still On Pickup; **IH 510** Soybean Special 27x7", Grass Box; **Century** 500 Gal Spray, **Danuser** Post Drive; **Little Giant Elevator** 30, Electric Motor, **Hawk Bilt** Round Baler, **Glenco 6R** Or 8R Cultivator; **Lilliston** Rolling Cultivator 4RW & 6RN, NH 273 Square Baler w/kicker, NH 518 Manure Spreader; Bethlem Grain Dryer, Portable, 500 Bushel; JD Grain head, #220 Ridgid, 20', Some More Not Listed

DON'T BE LATE!!!

Sale Should Be Over Around 2:00

Terms: Cash Or Good Check If Known No Out Of State Checks.

Not Responsible For Accidents On Premises.

Owner: RODNEY RICE
717-532-9501

Foreman, Auct. AU-1163-L
Clerks Wickard & Foreman
Lunch At Sale

DAIRY FARM — MACHINERY — DAIRY HERD

AUCTION

FRIDAY, MAY 7, 10:00 SHARP

Located in Cumberland County, one mile East of Bloserville, off Route 944 on Wildwood Road, farm on left, watch for sale signs.

81 Acre Dairy Farm - offered at 12:00 Noon with 70 acres tillable - 15 acres of pasture with nice stream - 30 more acres of tillable ground available for rent Buildings consist of 40x110 Free Stall Barn with bunk feeder - approx 10 yrs old, 40x80 Bank Barn with tie stalls, and a 4 brm frame farm home with 2 full bathrooms, elec and wood heat, wrap-around porch, nicely maintained New well in 1986 - 24x70 silo - 600 gal bulk tank, Bowmatic Double 4 Herringbone Parlor, Low Line, and other outbuildings including 3 bay garage, concrete manure storage, and farm pond. This property will be offered complete with Lancaster Silo and VanDale unloader, Mueller 600 gal bulk tank, and parlor, if not sold in entirety, 24x70 Lancaster silo and VanDale unloader, bulk tank and parlor will be sold to the highest bidder with no reserve Terms - 10% Down Day of Auction - Settlement in 60 Days - Further terms announced day of sale.

FARM MACHINERY AND MISC. ITEMS

AC 7040 - cab - lots of horse power, J.D. 3020 Diesel (nice tractor), N.H L-250 Skidsteer Loader - 200 hrs (like new), N.H. 716 Forage Box on 10 ton gear (2 yrs old), Gehl 760 Forage Harvester - 2 row narrow and grass heads - 3 yrs. old - all sold as one unit, N.H. 270 Baler with thrower, N H 489 Haybine - rolls like new, Heston 1099 Haybine, Oliver 5 bottom 16 inch plow with buster bar, M F. 14 ft disc - good shape, A C. 3 pt no till cornplanter - good, Oliver grain drill, Bush Hog - 4 ft - 3 pt. mower, 2 16 ft. Bale King Wagons - 1 with no running gear, flat wagon, Snowco 24 ft. Skeleton Elevator, N H. 679 tandem axle Manure Spreader, Gehl 99 Blower, Gehl Forage Wagon, Kawasaki 180 4 wheeler, Miller gas powered Arcwelder generator, Craftsman air compressor, '79 Chev 3/4 ton Stake body Pickup Wagon load of misc. farm items and a few household items sold first

DAIRY ITEMS AND FEED

Ressler 105 TMR mixer with scales - 1½ yrs. old, Shuld 6½ ton feed bin - good, CST 6 ½ ton feed bin - good, Herdmaster 60 cow breeding chart, 5 high speed barn fans, feed carts, milk meters **Also selling if not sold with farm,** Bowmatic Double 4 low line Parlor with Auto Detaches, Mueller 600 gal. bulk tank, Lancaster 24x70 silo with VanDale unloader, 7 ½ hp. vacuum pump - 2 yrs old, Approx 30 ft of Haylege, Sudex and corn Silage in silo.

DAIRY HERD — SOLD LAST

23 Mature Holsteins — 5 Bred Heifers

30 Day TB and Blood test - DHIA records - Herd averaging 16,800 lbs - with no heavy duty feeding program - 4 recently fresh - 1 due at sale time - several due for base milk - individual records to over 23,000, 800 fat

This is a nice uddered dairy of cattle that are well fed and doing a good job in the tank now - Free Stall and Parlow broke

LEON & JOAN KLINE
STEVE & LISA KLINE, OWNERS
80 Wildwood Rd., Newville, Pa.
717-776-3535

Not responsible for accidents, I.D. required for Bidder's No., Out of State Buyers and others not known to Auction Co. must bring current letter of credit, Lunch Stand reserved.

KLING'S AUCTION SERVICE

Sale Managed By: Kling's Auctions, Inc.
R.D.1, Box 66, Landisburg, Pa. Lic. # 0500
Office: 717-789-3883

PUBLIC SALE

FRIDAY EVENING APRIL 23, 5:30

Located on Route 641 - Carlisle, Pa., 825 Newville, Rd., next to Fireside Inn, directly across from Carlisle Rent-a-Space.

REAL ESTATE 7:30

COMMERCIAL PROPERTY-KNOWN AS CARLISLE AUTO BODY: LOT APPROX. 120 X 250 FT. - WITH STEEL BUILDING APPROX. 40 X 50 FT. NOW USED AS A BODY SHOP - OFFICE, BATHROOM, PAINT ROOM, OIL FURNACE, - ALL KINDS OF POSSIBILITIES FOR THIS PROPERTY!
TERMS 10% DOWN - BALANCE IN 30 DAYS.

VEHICLES AND TRAVEL TRAILERS

'90 Ford Super Duty with No-Mar Wrecker Body - (44,000 miles - good shape) - '86 29 ft. Prowler Travel Trailer (nice) - '85 24 ft. ALJO Alliance 5th wheel travel trailer (sleeps 6, excellent condition) - '89 Ford F250 3/4 Ton Pickup - '82 Honda Motocross Motorcycle - '78 Honda CB750K Motorcycle (excellent cond.) - '84 Chev. S-10 Flat Bed (completely gone over).

VEHICLES THAT ARE WRECKED OR NEED REBUILT

'88 Accura - '69 Dodge Charger - '68 Dodge Charger - '86 Subaru G.L. - '65 Karman Ghia - '67 Karman Ghia - '69 Chrysler New Yorker - '69 Ford Pinto - '68 Oldsmobile 88 - '71 Dodge Dart - '72 Dodge Demon.

BODY SHOP AND GARAGE EQUIPMENT

OTC Frame Rack, set of frame gauges, Airco Mig Welder, Croix Purifier system, Mooe clamps, frame puller clamps, Plasma cutter, Black Hawk Porta Power pumps, set of frame books from '84 to '92, Devilblis - Sharps - Mac - paint guns, Roll paper apron, rectangular tubing, explosion proof fan, Ready heater, Sharps 606 air regulator, water trap, 5 hp. air compressor, body putty dispenser, sand blaster, Shop Vac, wall cabinets full of paint and paint supplies, bench grinder, office desks, and chairs, file cabinet, electric buffers, grinders, shears, 3/4 socket set, 3/4 air ratchet, 1/2 inch air tools, ratchets, grinders, d.a. chisels, 3/8 inch airtools, Air Nibbler, drills, tap and die set, Big Daddy Pop Riveter, vice grip clamps, hand body tools, Snap-On ratchet sets, 1/2 and 3/8 drive hole saws, Snap-On pullers, 2 Snap-On roll - around tool boxes.

CARPENTER TOOLS

Craftsman jig saw, Rockwell sander, National air sander, Mac air grinder, and assorted other carpenter tools, plus many more small items for the mechanic, body man, or carpenter.
Inspection of tools and equipment day of sale only.

Owner:

Judy Perry

Call for Info. Bob Galbraith 582-7790 or Wm. Bunt, Atty. 582-8195
I.D. Required for Bidder's No.
Out of State Buyers Must Have Letter of Credit
Not Responsible for Accidents

Sale Managed by Kling's Auctions, Inc.
R. D. 1, Box 66, Landisburg, PA
PA License #0500
717-789-3883

KLING'S AUCTION SERVICE

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. MAY 15 - 10AM 300 M/L Milk bottles, held at Brickerville Fire Hall just off of Rt. 322 West of Ephrata in the village of Brickerville, Pa. Lanc. Co. By H.E. Stauffer. Snyder's Auction Service

SAT. MAY 15 - 10AM, 21 Exclusive Building Lots Partnership Liquidation Sale. Located On The Premises Of The Southwynd Development Only Minutes From Downtown York, Near York Hospital, York College, Apple Hill Medical Center And The Country Club Of York, And Only 45 Minutes From Hunt Valley, Maryland Via I-83. Seller, Edward B. Golla General Partner, Southwynd Associates. Rentzel's Auction Service.

SAT. MAY 15 - 11AM Sharp. Horse Sale, Draft, Driving And Mules. Located At 834 Wallace Rd., New Holland, Pa. Owner, Mel Hoover. Abe Diffenbach, Auct.

SAT. MAY 15 - 10AM Public auction of 300 milk bottles to be held at Brickerville Fire Hall just off 322 at Brickerville. Terms H.E. Stauffer. Paul & Michael Snyder, aucts.

SAT. MAY 15 - 2PM Wooded lot (Former Congregational Church Picnic Grove) Terre Hill. Located along the N. side of Walnut St. (just off Main St., behind the Terre Hill Post Office & BBNB Branch Bank), Terre Hill, Lanc Co., Pa. By Herbert F. Ader & Lorena B. Ader. Horst Aucts

MON. MAY 17 - 3:30PM Real estate, household goods, tools, guns, car Located at 1553 E. Newport Rd (Rt. 772), Warwick Twp , Lanc. Co, Pa For A Donald Allison Sr. Estate Horst Aucts

TUES MAY 18 - 8PM Feeder Cattle Sale, Carlisle Livestock Market, Inc Exit 12 South Off I-81

DAIRY HERD AND FARM MACHINERY AUCTION

SATURDAY APRIL 24, 10:30 a.m.

Located off Route 641, 1 mile East of Newville, turn on Green Hill Rd., first farm on left - watch for sale signs.

FARM EQUIPMENT - 10:30

J.D. 4230-pwr. shift-5400 hrs.-good tires-4 post canopy-J.D. cab enclosure - (nice, clean, tractor), J.D. 450-High Lift Crawler-good-undercarriage-recently gone over-(works good), J.D. 2440 - Diesel-3850 hrs.-Hi-lo transmission-540 +1000 rpm - (good shape), J.D. 755 - Compact tractor with 614 hrs. like new-sells with J.D. 28 hydraulic angle blade, J.D. 110 Garden tractor with mower, Fox 4400 Super E-4 wheel drive-hydrostatic chopper-3 row narrow head-grass head, 471 Detroit (good shape), N.I. 701 Uni-system-gas engine with 727 picker and three row narrow heads-(good shape), Case I.H. 450-4x16 mounted plow (excellent cond.), 2 N.H. 716 Forage wagons-3 beaters and roofs-both on 12 ton gears-1 tandem, 2 brand new conveyer extensions for forage wagons, zimmerman 36 ft. elevator with 2 hp. motor, N.I. 5209 Rotary knife haybine. I.H. 900 Blower with update kit, N.H. #30 blower, N.H. 800 Spreader-tandem-tail gate and slop gate, N.H. 677 tandem axle spreader, Case I.H. 4500 12 ft. vibraShank Harrow, 16 ft. chain drag, J.D. FBB grain drill, N.H. 276 baler with thrower, 4 metal rack hay wagons (3-18 ft., 1-16 ft.), 10 ft. large wheel Brillion Cultipacker, White 3 bottom spring reset 16 inch plow, N.I. 279 cut-ditioner-(needs work), Souder front end loader, Grove 2 beater forage wagon, 2 Fisher air-tight stoves.

DAIRY ITEMS

Agway Supreme Feed Mixer box with electrical scales (2800 lb. capacity), Clay stable clearner (16 in. paddles, 4 yr. old chain), 550 gal. Sunset bulk tank and compressor, Surge Alamo 100 plus vacuum pump, 4 Delaval large claw units, 4 DV300 automatic shutoff units, Solid State Surge pulsation control, 1 1/2 inch glass pipeline for 36 cows, small amt. of dairy and milkhouse supplies. Daffin Mobile Mill Feed Grinder on '74 I.H. 1700 truck (471 Detroit on mill-has some age-but works good-been gone over.)

DAIRY HERD - SOLD 12:00 NOON
42 MILKING AND DRY COWS, (OVER 1/2 MILKING WITH FIRST AND SECOND CALVES), 15 BRED HEIFERS, 1 SERV.-AGE HOLSTEIN BULL

30 day TB. & blood tested, preg. checked, milked in tie stalls and housed in pen stable - good feet - good udders - well fed - owner sampler milk records - herd av. over 16,000 with no heavy duty feeding program - AI bred and sired - ATLANTIC.

CATALOGS AVAILABLE DAY OF SALE

(About 15 head recently fresh - same amt. due for late Spring and Summer milk.) **AUCTIONEER'S NOTE:** Don't miss this herd if you need a few replacements - lots of good young dairy animals - ready to go to work - never pushed hard - they will adapt to anyone's operation - Atlantic sired and bred for generations.

I.D. Required for Bidder's No.
Out of State Buyers or others not known to Auction Co. must bring Letter of Credit.
Not Responsible for Accidents

Owner: Melvin Z. Leid
237 Green Hill Rd.
Newville, PA
717-776-3901

Sale Managed By:
Landisburg, PA
Pa. License #0500
717-789-3883

KLING'S AUCTION SERVICE

Lunch Stand Reserved

PUBLIC SALE

Antiques - Dishes - Toys - Coins - Paper Money - Tools Garden Tractors - Guns - Adv. Pieces - Automobile Parts - Garage Equipment - Shop Manuals - Books - 1930 Model A Ford

Saturday, May 1st, 1993

Time: 9:00 A.M.

Sale to be held at the Lisburn Comm. Fire Co. 1800 Main St. Lisburn, Pa. If traveling on I-83 north or south use exit #18, take Rt. 114 west for 5 miles, or traveling on Rt. 15 use the Bowmansdale exit, take Rt. 114 east for 6 miles to fire house. Signs posted.

ANTIQUES - DISHES - ADV. PIECES - GUNS - TOYS

Pine love seat w/chair; velvet seat; pine coffee & end tables; 7 hole gun cabinet; rocker; 15'x19'8" carpet; antique child spindle back rocker; 2 White sewing machine cabinet style; Kenmore upright frost free freezer; blue glass coffee table; child desk & chair; 50's style high chair; Nauvoo school house bench; rocking horse; salt & peppers; RCA table top radio; creamer & sugars; kettle & apple cookie jars; Plant Peanut anniv. jar; milk cans; claw foot bath tub; adv. ash trays; plates, cups, saucers & water pitcher; picnic basket.

7-Up chest type cooler; knick-knacks; china figurines; baby buggy; bad spared; cast iron trough; Giswold #2 meat grinder; new kerosene heater; hat box; Remington Shur Shot wooden box; adv. tins; Willard Battery, Sinclair open time, Quaker State Motor Oil, AAA porcelain emergency service, lighted Sealtest ice cream signs; IH Spirit of '76 patch & button; IH, tin Pepsi & Winston cigarette thermometers; adv. oil cans; Mac 45th limited ed. pocket knife; local bank bags; '55 J.T. Fetrow State Farm Ins. Lisburn, Pa. calendar; Yinger Bro. Garage & Orris Quality Meat Lewisberry, Pa. change purses; tin Kopy Kat paint box; bill heads; PRR tin cups; July 4th '76 Freedom Train Sta. postcard w/13¢ stamp; IH Cub Cadet poster & price lists; 1086 IH tractor belt buckle; Flying woman hood ornament; Baskin Tire Sale barometer; wheat pennies; Mercury dimes; Washington quarters; Walking Liberty, Franklin & Kennedy ½ $s; Ike $s; silver certificates; Joseph Barr $s; red seal 5$ bills; Remington mod. 660 308 cal. bolt action rifle; Mossburg 12 ga. pump poly choke; 1913 Fox 12 ga. double barrel Enders service; Marlin 22 bolt action rifle w/scope; Mossburg bolt action 22 cal. rifle; Stevens mod. 77E 16 ga. pump 28" barrel; '60 Pa. Fishing Lic. older Pa. auto lic. plates; books, phamplets & manuals; '82 limited ed. Cub Cadet Dealer toy lawn tractor; Cub Cadet pedal tractor; Farmall tractor table lamp; 11 Winross Hershey Fall Meet & A.A.C.A. tractor & trailer & van, toys plus other; '88 Hershey A.A.C.A. #9799 mod. T bank.

GARDEN TRACTOR - GARAGE EQUIPMENT - TOOLS - BOOKS MANUALS - AUTO. PARTS

Restored Garden Master 5 HP Winsconsin engine riding tractor; Cub Cadet 4 hp self-propelled power mower; IH Cub Cadet 1200 12 hp straight shift riding mower; White twin cyl. 16 hp riding mower; Cub Cadet 60 rear engine riding mower; David Bradley Super Power walking tractor; Rally power mower; floor jack; 7'x8' garage door; 30 gal. oil dispensers; Allen Motor analyzer; hyd. bumper jack w/rods; 1930 Ford Model A 2 door sedan, running condition; air grease guns; oil racks; electronic wheel balancer; hyd. & screw jacks; diagnostic analyzer; Wilco cross wheel alignment; assort. of spark plugs; starter, alternator & battery testers; amp guage; valve lifter; voltage regulator; IH tire gauges; portable battery charger; complete Hunter wheel alignment; 8 hp & 10 hp motors; 18 hp MM air cooled engine w/gear drive box; piston & rods for Willys; piston & rods for 283; '70 Torino hood scoop; old Ford starter drive; Ford mod. A parts, head, engine block, grill shell & sm. parts; '29 Dodge head lights & transmission, '29 Dodge 6 cyl. engine complete; Ford Comet & Falcon radiators; 3 alum. power glide transmissions; complete front end & front & rear bumpers for '66 Chevy Belair; Cub Cadet grill; Mustang dust cap; draw knife; cross cut & buck saws; wheelbarrow; air impact; hyd. floor mod. transmission jack; Universal joint vise, other vises; brass fire nozzle; Sinclair gas measuring can; chisels; old torque wrenches; Ford wrenches; auto. transmission adj. tools; ignition & valve parts; credit card & adding machines; books, manuals & shop manuals; Tune Up & Hot Rod magazines; plus numerous items not mentioned.

Terms of sale: Cash or good personal checks w/proper ID. No out of state checks; Refreshments by Fire Co.

Not responsible for accidents.

DALE & BEA YINGER,
Owners
Little IKE Eichelberger auctioneer
Pa. Lic. #AU001954-L
Ph. Lewisberry 938-6322

Now booking all types of public sales
Call for available dates

PUBLIC AUCTION

FARM MACHINERY - HOUSEHOLD GOODS

FRI., APRIL 30, 1993

9 A.M.

Loc: Take Rt. 372 West 3 Miles Of Quarryville, Pa. Or 1 Mile East Of The Buck. Corner Of Hopkins Mill Rd. & Rt. 372.

TERMS BY:

HARRY G. KEEN, ESTATE
Janet K. Eshelman, Executrix
Paulyne J. Long, Executrix

#513L, 717-786-3394

KREIDER, KLINE & GOOD
AUCTIONEERS

ESTATE AUCTION

SAT. APRIL 24, 1993

@ 9 AM

LOCATION: 216 3 mi W of Glen Rock, past Friendship School, L on Sunny Slope Rd. ½ mi to sale.

REAL ESTATE @ 11:00

59 acre farm, private country setting; 1½ story, 9 room house, mostly chestnut, alum. siding, wrap around porch, full basement w/lg ground cellar, butcher fireplace; approx. 35 ac. tillable, bal. pasture & wooded; 36'x52' bank barn & other out buildings; would make nice horse or sheep farm.

ANTIQUES & HOUSEHOLD

Early 1800's corner cupboard, dry sink w/top, sideboard, Empire walnut table, oak kit table w/5 boards, Eastlake bedroom suite (bureau, washstand, bed), 3 pc. panel bed BR suite, 2 pc. oak BR suite, washstand, oak panel bed, hand crafted bed, Victorian bureau, grained stand, tilt top stand, oak press back arm rocker, walnut 6 pc. press back parlor suite, 6 board blanket chest w/till, dough box, dome top trunks, Empire pedestal table, drop leaf table, 6 1850's plank bot chairs, other sets of chairs, York player piano, rolls for player, 5 pc. washbowl set, dinner bell, mantel clock, wood porch benches, Royal Bride kit range, Heatrola wood/coal stove, Columbian coal stove, kero refridg., Kenmore refrigd, Frigidaire elec range, Kelvinator chest freezer, Kenmore vac, sm. kit. appl., treadle sew. machs, kero lanterns & lamps, copper wash-boiler, butter churn, bake ovens, 2 cream separators, cottage cheese press, butter mold, butcher kettle & tables, crocks, honey extracting equip, bee hives, beeswax, wood water trough, wood & metal measures, milk buckets, walker, bedside commode, cast skillets, sad iron set, egg scales, depression & carnival glass, misc. dishes, pots & pans, misc. tins & bottles, quilts, blankets, old games & toys, ration coupons, memorbilia, old German Bible, old books, stereoscope, GUNS: percussion muzzel loader, Excel 12 Ga. shotgun, Rem. 22.

FARM EQUIP., ETC.

47 Willys Jeep w/PTO & pulley, Case VAC tractor w/hyd, Lilliston 5' rotary mower, NI 4 wheel manure spreader on steel, Farquhar corn planter (York, PA), American Seeding grain drill, McCormick horse mower, horse wagon w/hay carriage, 14' flat wagon, shovel plow, harrow, Smalley fodder shreader, wood grain cleaner, chop mill, 2 hole corn sheller, hay fork, sing & dbl. trees, horse collar, wood feed box, wooden wheelbarrow, hog gallows, wood pulleys, hand truck, 30' ext ladder, cross cut saw, brooder stoves, incubator, Model T coil, bull catcher, ram pump, grind stone, scroll saw, hand tools, misc. lumber, scrap iron, approx. 1 ton coal.

AUCTIONEERS NOTE: Many of these antiques are in very good shape w/orig. finish. Many more things to be uncovered.

ORDER OF SALE: sm. items, farm equip, antiques & household.

TERMS: Real Estate 10% down sale day, cash or good check, bal. in 60 days. Personal property cash or good check.

INSPECTION: Real Estate by appt. only call auctioneer, Personal property sale day only. Refreshments provided. Not responsible for accidents.

LAURENCE LAU ESTATE
Irvin Lau, exec 717-792-0495
Hoffmeyer & Semmelman, atty
AUCTIONEERS:
Kenneth K. Keeny AU-2797-L
717-993-3448
Marlette Thomas AA-1999-L

PUBLIC AUCTION

1974 Chrysler New Yorker;
1960 Dodge 600 Dump Body Truck;
Snowmobile Trls; Ferguson 30 Tractor
MF 72 Combine; Farm Equip.;
Floral Store Equip. & Supplies;
Household Goods & Antiques

Sat., May 8, 1993

at 9:00 AM

Located in Northern Lehigh Co., next to Heidelberg Heights, Heidelberg Twsp., Lehigh Co., PA. Follow Rt. 309 N from Allentown, bear R onto Rt. 873 in Schnecksville, continue N to Neffs, turn L onto Park Ave., go 2.3 mi, turn L onto Heidelberg Heights Rd. Continue 1/4 mi to Auction.

Ordered by

Melvin R. & Elaine H. Hausman

Conducted By

P.O. Box 215 • Fogelsville PA 18051 • 215 395 8084 • License #AU001809 L

RALPH W. ZETTLEMOYER AUCTION CO. INC

OUTSTANDING PUBLIC AUCTION

OF VALUABLE ANTIQUE FURNITURE, GRANDFATHERS CLOCK, GENERAL ANTIQUES, FAIENCE STEINS, EARLY PEWTER, GLASSWARE, 1965 MERCEDES AUTOMOBILE

ON FRIDAY, APRIL 23, 1993 AT 1 P.M. & SATURDAY, APRIL 24, 1993 AT 9 A.M.

At Springetts Fire Co. Social Hall, 3013 East Market St., York, Penna.

From the former Ciscona Estate of the Bowmansdale Area of Cumberland County, Pa. to be sold at absolute auction from the life long collection of a member of the Gery family who is now residing in a rest home.

ANTIQUE FURNITURE

Walnut Chippendale three piece highboy 3 over 2 over 3 drawers attributed to Boardman of Lancaster, Pa. circa early 1800's - some restoration, rare hand cranked barrel organ, walnut Hepplewhite hi chest of drawers inlaid skirt & top 3 over 5 drawers, walnut Chippendale semi-hi chest of drawers 3 over 4 drawers, Chippendale ball & claw foot tilt top table, Hepplewhite cut out card table with inverted bell flowers, walnut 84" long tavern table, walnut 2 pc. blind door raised panels corner cupboard, miniature oak drop leaf table, mahogany dental cabinet, Windsor settee, Rosewood pedestal table, OG mirrors, Pembrook drop leaf table, 4 section glass door bookcase, 2 drawer sewing table, Marlowe of York pencil post bed & 4 modified Windsor saddle seat arm chairs, English credenzia, 2 Windsor bent back chairs, double shade Tiffany style student lamp

CLOCKS — STEINS — PEWTER

Burl walnut grandfathers clock with broken arch - moon face - 8-day movement by John Child of Phila., Seth Thomas pillar & scroll mantle clock, 2 Wag on wall clocks, early banjo clock, & other small clocks, 20 plus rare genuine early Faience steins, also Mettlach & other steins, approx. 100 pcs of early pewter dating from 1500's both American & European, Rare time lamp circa 1600.

GENERAL ANTIQUES, GLASSWARE, ETC.

2 Early carved roosters in manner of Schimmel, decorated stoneware, old iron horse drawn hook & ladder toy with bender, large bronze dog - F. Pautrot, Bronze Man with Gun E. Peynot, gold coin scales, rare paperweights, perfume bottles, 2 pcs blown & enameled glass European origin dated 1599 & 1597, 25 pcs. signed Steuben glass, Early 1900's B&G & Copenhagen plates, Iman bowl, 6 pc. childs blue spatter set, 25 pc childs set toy dishes in soft paste, also pcs. of glassware in Rose Medallion, Lennox, Haviland, Crystal, Blown, Waterford & others and boxes not yet unpacked.

AUTOMOBILE

1965 220SE Mercedes 4-dr. sedan, Loaded, Red Leather interior, Sun Roof, 1 owner, always garaged, color Ebony Black, Mint condition, 32,737 miles (Car on Sat. approx. 12 noon)

AUCTION SCHEDULE: Friday — Glassware, Gen. Antiques, Steins, Pewter. Saturday — Steuben glass, Gen Antiques, clocks, automobile & furniture.

PREVIEW: Thurs. eve., April 22, 6:30 P.M. to 8:30 P.M. & 1 Hr prior to auction. A more detailed scheduled will be posted at preview. NO BUYERS PREMIUM. For more information phone auctioneers at 717-252-3591 or 717-252-1656 or Elwood "Tip" Witmer, Consultant, 717-938-1285. NOTE: Book & Art auctions to follow in May.

TERMS OF AUCTION: CASH — TRAVELERS CHECKS, Local checks with proper ID. Out of state & other Pa checks must be accompanied by a current letter of guaranteed payment from your bank unless approved prior to April 23

POSITIVELY NO EXCEPTIONS. COME PREPARED. Gilbert & Gilbert reserves the right to hold merchandise until **CHECKS CLEAR. PLEASE COME PREPARED. No Phone Bids.** No Credit Cards accepted.

Penna. Sales Tax applicable. Gilbert & Gilbert may, in its discretion package & ship items to the purchaser. In such event, purchaser agrees that all such packaging, handling & shipping is at the sole risk of the purchase and that Gilbert & Gilbert shall have no liability for any loss or damage to such items and purchaser shall pay C.O.D. for packaging expenses, materials & postage & carrier fees and all insurance charges.

AUCTION CONDUCTED BY
GILBERT & GILBERT, AUCTIONEERS
R.D.#1, WRIGHTSVILLE, PA 17368
JACOB A. GILBERT, LIC. #336,
BRIAN A. GILBERT, LIC. #2256,
AUCTIONEERS

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

WED. MAY 19 & THURS. MAY 20, Large 2 Day Sale Of Farm Equipt., Etc. At Our Sales Lot Located 6 Miles South Of Chambersburg, Pa., 1 Mile East Of Marion, Just East Off Rte. 81 Along Rte. 914. Owners, Jerrold & Gloria Oaks. Marion Auction Service, 5174 Horst Rd., Chambersburg, Pa. 17201.

THURS. MAY 20 - 5PM Unique property located just off the Penns Creek, Near Selinsgrove, Pa. Affords the opportunity for permanent residence of country cottage. Marlin Brubaker, Owner Hassinger/Courtney, aucts.

THURS. MAY 20 - 6:30PM, Valuable Real Estate. Located Along The Davidsburg Road in Dover Twp. At The Intersection Of Pine Hill Rd. & Davidsburg Rd., Look For Sign. Owner, Walter W. Myers. Jacob A & Brian L. Gilbert, Aucts.

FRI. MAY 21 - 1:30PM State graded pig sale. Westminster Livestock Auction, Westminster, Md.

SAT. MAY 22 - Lydia M. Hoover. Located 683 Spruce Road, New Holland, 1 mile N.E. of New Holland. Real estate, household goods and tools Nevin Martin & Sons, auct.

SAT. MAY 22 - 8:30AM, Household Car Tent, Antiques. Located Hoffman Bldg., Quarryville Fairgrounds Everett & Florence May Kreider Bucher & Heaps, Auct.

SAT. MAY 22 - 8.30AM, Absolute Public Sale. Owner Retiring Warehouse Sold. Located. The Former Miller's Sales & Service Inc., Approx. 5 Miles East Of I-83 Exit #1 Along Route 851. Tractor, New Equipment, New And Used Parts, Pick-Up, Bowling Alleys For Work Benches And Office Equipment. Owner, Dean F. Miller. Melvin Haines & Ralph Brenneman, Aucts.

SAT. MAY 22 - 9AM Antiques, household goods, horse equip. Loc: From Lancaster, Pa. Take Rt. 30 E. to Rt. 82 N. to Rt 340 W to first road right, Prattsdam Rd. ½ mi. to sale Terms by Joan E. Leinhauser. Kreider, Kline & Good, aucts.

SAT. MAY 22- 9AM 2 Tract real estate, Holland stone dwelling, antiques, household goods, tools, tractor, car. Located at 144 Valley View Dr., Ephrata Twp., Lanc. Co., Pa By Harry H. Weaver Estate 'Horst, Aucts.

TUE. MAY 25 - 9AM Quilt, Craft & Buggies, A&C Diffenbach Auction Inc 100 W. Jackson St, New Holland Alan Diffenbach, auct

TUE MAY 25 - 2PM Valuable 21 6 acre industrial tract. Located along Galen Hall Rd., West Cocalico Twp, Lanc Co, Pa PA Turnpike Exit 21, Reading/Lancaster, take Rt. 272 N., turn west onto Rt. 897 to Village of Reinholds, turn right onto Galen Hall Rd. at Reinholds Fire Co By Ray L. Martin. Horst aucts.

WED. MAY 26 - 9AM Quilt & Craft, A&C Diffenbach Auction Inc. 100 W. Jackson St., New Holland. Alan Diffenbach, auct

FRI. MAY 28, 14th Top Of VT Invitational, A Small Herd And Lots Of Bred Heifers. Located Barton, VT. Reg Lussier, Auct Northeast Kingdom Sales, Inc.

FRI. MAY 28 - Branchwater Farms Dispersal Sale, Reisterstown, Md

FRI MAY 28 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511

FRI. MAY 28 - 5PM, Carpenter & Mechanical Tools Located Plum Hill Rd., Wakefield, Pa. Caleb & Esther Wenger Kreider, Bucher & Heaps, Aucts.

SAT. MAY 29 - 9AM, Valuable Antiques, House Items, Guns, Van, Golf Cart Located From Red Lion Square Take Rt. 74 S Approx 1 6 Mi Turn L Onto Burkholder Rd For 1 Mi Turn L Onto Blacksmith Rd & Go Short Distance To Sale On R Follow Signs. Owner, Esther Frey Melvin Haines & Ralph Brenneman, Aucts.

SAT. MAY 29 - 9AM Household goods, antiques, Barbara Ebersole paintings, tools & Winross trucks. Located 12 miles East of Lanc in village of Intercourse at 6 Queen Rd Across from Best Western Motor Inn, Intercourse, Pa By Mary S. Glick Robert E & Jewffrey R Martin, aucts

PUBLIC AUCTION

Registered Jersey Dairy Herd Dispersal

FRIDAY, APRIL 23

COMMENCING AT 12:30 P.M.

Located Approx. 5 Miles West of Lewisburg, PA - ½ Mile North of Vicksburg Off Route 45, On Beaver Run Road, Union County.

31 HEAD REGISTERED JERSEY CATTLE

Consisting of 19 Milk Cows with 1992 Production Herd Average 13,500 Milk, 5% BF, 4% Protein. Some Cows Producing Up To 80 lbs. at present.

6 Mature Bred Heifers and a Number of Milk Cows due Mid-Summer.

6 Unbred Yearling Heifers.

Cattle are quiet and gentle, stall kept, handled and milked by Carol.

The herd shows quality with good milking potential.

MILK TANK

600 Gallon Milk Keeper Bulk Milk Tank.

CAROL KEEFER, Owner

(717) 966-3941

Auctioneers: Wayne M. Hess, AU-000411-L (717) 922-1206

Lori Hess-Lauver, AU-002854-L, (717) 966-2512

Owner & Auctioneers Not Responsible For Accidents.

AUCTION SALE

Farm Machinery, Tools, Lawn & Garden Equipment, Inc.

Sat., May 8th

8:30 A.M.

Located at Hills Auction on Route 896 1½ miles South of Kenblesville, Pa. & 5 miles North of Newark Del.

Consignments accepted. Call for advertising. Full ad later.

Auctioneers:
Harold S. Hill & Son
215-274-8525
AU 1105-L

PUBLIC AUCTION

SAT., APRIL 24

At 10:00 A.M.

One Mile North of HEGINS, Schuylkill County, PA; from I-81, Exit 34 take Rt. 25 West to Hegins, turn North on Rt. 125, to Deep Creek Road on South side of Mahantongo Mountain; watch for auction sign at the third property.

17 ACRE FARMETTE

Approximately 4 Acres tillable, balance wooded with frontage along Deep Creek Road and along Route 125. Close to State Game Lands No. 132, Good Hunting Area.

2½ STORY 3-BEDROOM FRAME DWELLING with BATH

No Central Heat; Drilled Well also Mountain Spring Water; Small Barn.

A lovely country property in a quiet setting surrounded by mature trees. The possibility exists to have building lots along Route 125, and along Deep Creek Road. Check it out!

FOR INSPECTION CALL:
717-425-3313.

Also selling FULL LINE HOUSEHOLD FURNISHINGS including: Frigidaire Refrigerator, nice condition; 10-Pc. Depression Era Dining Room Suite; etc. ANTIQUES & COLLECTIBLES including: Elmira Kitchen Stove w/Warming Closet; Oak High Back Chairs; Bed w/Floral Decorations; 4-Pc. Depression Era Bedroom Suite; Blanket Chest w/3-Drawers; Decorated Washstand; (2) Jelly Cupboards; Kitchen Cabinet; Brass Bed; Life Magazines, etc.

IRMA R. GABLE, Owner

Eugene H. Gable, Attorney-In-Fact
James P. Diehl, Esq.,
Williamson, Friedberg & Jones

DEIBERT MIKE, AUCTIONEER AU1599-L 717-425-3313
GEORGE REALTOR & AUCTIONEER AU209 L

ABSOLUTE PUBLIC AUCTION

Modern 53 Acre Cumberland County Farm

Corn Silage, Hay, Straw

"To Be Sold to The Highest Bidder Regardless Of Price"

No Reserve No Minimum

Thursday, May 6, 1993

11:00 A.M.

Located At: 85 Bernheisel Bridge Road, Carlisle, Pa. Silver Spring Township, Cumberland County.

Directions: From Route 81 At Exit 17 Carlisle. Go North On Route 11, At Second Red Light and Hess Gas Station. Turn Left Onto Bernheisel Bridge Road continue to the first farm. Watch for auction signs.

Parcel #1 Approx 30 acres tillable farmland with pasture, wooded area, with a high state of cultivation. Adjacent to interstate 81 Situtated on this tract of land are the following buildings. **A 2½ story frame house with aluminum siding with additional family room.** Attached 1 car garage w/electric door opener; large laundry area w/full shower, large rec room area; modern kitchen w/built in cabinets; family room w/barn siding, built in cabinets, closets, sliding glass door, large living & dining room w/wall to wall carpet, open staircase, (3) bedrooms w/closet, full bathroom, tiled; attic; storm windows.

Frame Bank Barn w/36 tie stanchions, Jamesway barn cleaner w/new chain, Surge 2" pipeline, Surge milkers and milking equipment, Mueller 1000 gallon milk tank (approx 1½ years old); drive in bay, hay mows, attached additional 120' modern metal 56 freestall loafing area with bunk feeder, box stalls; (2) 24'x60' concrete stave Fickes silos with Silomatic auto unloaders.

Other Buildings Include: A 40x80 Aluminum Pole Equipment building w/5 bays, 24x40 heated workshop and tool storage area; Frame corn barn w/drive in bay, overhead door, corn cribs on each side, additional open shed; (3) bay frame garage w/work area, mobile home (currently used as an office, with possible herdsman quarters, macadem driveway, (2) wells, new septic system; pasture w/high tensile fencing.

Parcel #2 Consisting of approx. 23 acres flat tillable ground in a high state of cultivation, adjacent to Interstate 81. Proposed recreation park.

FOR INSPECTION OF THIS PROPERTY OPEN HOUSE DATES are April 17, 24 12:00 Noon to 2:00 P.M. For additional appointments call Howard at 717-738-0868 or Auction Co.

TERMS: 10% down day of the auction, balance due in 45 days.
Attorney: Frank Bredimus 703-777-9563

This property would make an excellent dairy or horse farm.

THE FOLLOWING ITEMS WILL BE SOLD AFTER REAL ESTATE • Approx 175 tons of Corn Silage; • Approx. 50 tons of Alfalfa Hay • Approx. 20 tons of Straw.

Terms: Cash or Check.

Auction For: **HOWARD SCARFF**
LANCE A. SCARFF

Auction Conducted By The:
J. OMAR LANDIS AUCTION SERVICE
Jay M. Witman AU-001127-L
Box 501, Apple & Robert Street, Ephrata, Pa. 17522
717-738-7900 - 665-5735

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. MAY 29 - 9AM, Full Line Of Household Goods. Located Plum Hill Road, Wakefield, Pa. Caleb & Esther Wenger. Kreider, Bucher & Heaps, Aucts.

SAT. MAY 29 - 9:30AM, Period Antiques & Collectibles, Walnut, Pine, Cherry, Mahogany, Oak Furniture, Fine China & Glassware, Art & Frames, Partial List Only. Located From Residence Sold At Rt. 272 At Rt. 1 By-Pass, Nottingham, Pa By Order, Local Estates. Jeffrey E. Whiteside, Auct.

SAT. MAY 29 - 10AM, PB Hfr. Sale Located At New Holland Sales Stables, Inc., New Holland, Pa.

SAT. MAY 29 - 11AM 19 acres, Lykens Valley Farmette. Along the road between Gratz and Klingerstown in Lykens Township, Dauphin Co , Pa. Mrs. Kenneth Lebo, owner. Mike & George Deibert, aucts.

SAT. MAY 29 - 2PM, Real Estate. Located West Of Reinholds Along 897 From Intersection Of 272 & 897 Go N897 Thru Reinholds App. 1 Mi. To Property On Right Terms By, George N. & Marie Hoover. Hoover Auctioneering.

JUNE

WED. JUN. 2 - 6:30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc. Nascar Items, And Misc. Toys. Located At A & C Diffenbach Auction Inc., 100 W. Jackson St., New Holland, Pa. 17557. Alan Diffenbach Auct.

FRI. JUN. 4 - 1:30PM State graded pig sale. Westminster Livestock Auction, Westminster, Md.

FRI. JUN 4 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

SAT. JUN. 5 - 9AM, Valuable Real Estate, Household Goods, Quilts, Antiques & John Deere Riding Tractor. 2PM- Quilts. 12Noon- Tractor. Located 12 Miles East Of Lancaster In Village Of Intercourse Turn Off Rt. 772 On Evergreen St. To 3622 Holly Dr., Leacock Twp., Lanc. Co., Pa. Terms By, Clair B. & Verna R. Eby. Robert E. & Jeffrey R. Martin, Aucts.

PARLETT & HOLLOWAY
CLUB PIG AND LAMB SALE
THURSDAY, MAY 6, 1993
7:00 PM

Solanco Fair Grounds, Quarryville, PA

Selling 100 Club Pigs and 10 to 15 Lambs

Jim Parlett 717-862-3610
Henry Holloway 410-457-4960

Hummel Buick

SINCE 1929 Hummel Buick SCHUYLKILL HAVEN PA.

LIQUIDATION AUCTION

Valuable Commercial Real Estate
Garage & Office Equipment • Vehicles

MONDAY, APRIL 26, 1993

9:00 AM • Real Estate 11:00 AM

Located At: 312 Centre Avenue, Route 61, Schuylkill Haven, PA

★★★ REAL ESTATE ★★★

This Property Is A One-Story, Brick And Cement Block Garage Containing A Showroom, Offices, Parts Room, Service Area's, Consisting Of Four (4) Building Additions A Total of 13,297 Square Feet With Macadam Paved Parking Area For 55 Cars, Unpaved Parking Area For 40 Cars.

- Zoning C-2 Commercial District
- Muncipal Water And Sewer
- Lot Size. 60' x 100' x Irregular - Total Of 1 2 Acres
- Asphalt Shingle, Rubber Roof
- Electric Service is A Three (3)-Phase Commercial Service

This Property Currently Being Used As An Automobile Dealership/Garage Located Along Route 61, A Major Highway Providing High Visibility For A Commercial Enterprise, With Alternate Uses For. Mini-Mall, Commercial Business, Sales, Offices, Etc

FOR PROPERTY INSPECTION CALL:
(717) 385-4914 Or (717) 385-2791

TERMS ON REAL ESTATE: 15% Down Day of Auction, Balance Due Within 45 Days
ATTORNEY: Harry B. Crosswell, (717) 622-5933

★★ VEHICLES ★★

1980 Buick Skylark - 2 Door Hardtop Auto, Automatic, Power Steering, Power Brakes, Air Conditioning, AM/FM Radio, 43,000 Miles.
1978 Chevrolet Custom Deluxe Pickup Truck - Automatic, Power Steering, Power Brakes, 44,000 Miles.

★★ GARAGE EQUIPMENT ★★

Techline T-50 GM Dealer Equipment Diagnostic Station (6 Months Old); AC-GM Diagnostic Tune-Up Center; Snap-On MT-539 Starting & Charging Circuit Tester, Kent-Moore AC-R3 Recovery & Recycling Machine; Auto Air Air Conditioning Charging System Station; Snap-On Battery Charger, Sun-Vat-40 Model PTS-40, Two (2) Gray Air Bumper Jacks, Snap-On MT-460 Scope With Cabinet, Heavy Duty 100 Amp. Battery Charger, Gas Buggy; A Large Assortment of Specialty Tools, Metal Shop Work Bench With Vise, Coats 30-30 Tire changer; Bushman Tire Changer, 10 Ton Press, (2) 3 Hp 220 Volt Air Compressor, Assortment of Oils, Lubricants, Cleaning Supplies, Jack Stands, Air Tank, Brake Bleeders; Oil Drain Stands, Floor Creepers, Walker Floor Jacks, Aluminum & Wooden Ladders, 55 Gallon Drums Of Oil With Pumps, Bench Grinder; Headlight Aimer Kit With Aerodynamics, Electric Buffers, Drop Lights, Gasboy Gas Pump, Used Tires, Rims, Hubcaps, (35) Metal Sectional Parts Shelfs, Various Assortment Of GM Parts, Metal Multi-Bin Cabinet; Shop Foreman's Desk; Overhead Garage Door With Opener; Allen & Sun scopes, John Beam Alignment System & Rack, Bubble Tire Balancer, Shop Vac, Air Truck Bay Lift, Weaver Headlight Aimer, Barrett Riveter, Transmission Jack, Beam Wheel Balancer, Snap-On Carbon Pile Load, Waterbury Valve Refacer; Engine Stands, Buffer Pads, Rebuilt Oldsmobile 350 Engine, Used Engines

★★ OFFICE EQUIPMENT ★★

Canon 222 Fax Machine, IBM Personal Computer, Keyboard, Color Display, Texas Instrument Printer, Large One Door Mosler Floor Safe, Teknika Cash Register, Three-Drawer File Cabinet, Quantor 318 Micro Fiche, Bell-Howell Training Filmes, Time Clock, Oasis Water Cooler, Oak Double Pedestal Desks, Bell-Howell Fiche Finder, Metal Base Cabinet, Canon DC-2 Copier With Stand, Double Door Metal Cabinet, Four-Drawer Metal File Cabinets, Electric Fans & Heaters, Oak Arm & Swivel Office Chairs, Metal Office Desk, Filing Table, Sharp Adding Machines, Smith Corona, Royal Typewriters, Wooden Salesman Desk, Liberty TV Radio, Zenith Color TV, Zenith VCR Player, Hoover Upright Sweeper, Old Telephones, 1984 Buick Olympic Year Pins, GM Clock, 1940's To Present New Car Brochures, Deco Chrome Office Furniture, Buick Eagle Statue, 1949 GMAC Clock, Sales Literature, Office Supplies, Old Buick Rug, Early Buick Clocks, Neon Clock, Promotional Buick Cars — 1952, 1953, 1955, 1956, 1957, 1959, 1960, 1965, 1966, Many Other Items

TERMS: Cash or Approved Check With Bank Letter Of Credit

AUCTION CONDUCTED BY:
J. Omar Landis Auction Service
Jay M. Witman, AU001127-L
Apple & Robert Streets
Box 501
Ephrata, PA 17522
(717) 738-7900 or (717) 665-5735

AUCTION BY:
Hummel Buick
Edward L. Hummel, Sr.
E. Lewis Hummel, Jr.

PUBLIC AUCTION

Saturday, April 24, 1993
10:00 a.m.

LOCATION: 4 mile North of Selinsgrove, Pa. Go 1½ miles North on Route 15 from Tedd's Landing and Kmart. Then turn onto Line Road #2, continue to sale site. (NOTE: Small sale, be prompt. Sale will start with personal property.)

2 TRACTORS - FARM EQUIPMENT

Ferguson TO 20 3 Pt.; Farmall H; Cultivators for H; 3 Pt. 5' Sickle Bar Mower; John Deere 25A Pull Type PTO Combine, 7' Cut; Ford #530 Bale w/Thrower; Farmec 26' Hay and Grain Elevator; NI #403 Hay Rake; JD 3 Pt. 2 Row Corn Planter; Int 1 Row Corn Picker; 7' Semi Mounted Mower; 2 Bot. Trailer Plow; Hoe Grain Drill; (2) 4 Wheel Wagons; Harrow; 9' Disk; Scrap Machinery; Brooder Stove; Milk Cans; **Approximately 250 Bales of Mixed Hay.**

BUTCHER TOOLS: Butcher Kettles; Sausage Stuffer; Hand Meat Grinder; Meat Hooks; Scaulding Trough.

TERMS: Cash or PA Check.

Lunch

Owners:
HOWARD L. AND NEVA E. REITZ
Mark J. Jones, Auctioneering Service
Phone (717) 286-0052
Lic. #AU 1595-L
Jeff Dunkelberger - Lic. #AU3043-L

ESTATE AUCTION

Of Mrs. Stanley Miller

May 1, 1993 8:00 A.M.

ATLANTIC GAS PUMP w/GLOBE, 1947 J. DEERE ORCHARD TRACTOR, RR FREIGHT WAGON, 36" SIMPLICITY 3110 MOWER, '85 RENAULT ALLIANCE, WATERLOO 2½ HP. ENGINE, A WEALTH OF OTHER COLLECTIBLES

DIRECTIONS: From 309 At New Tripoli, Take 143 West (Past Ontelaunee Pk.) For 2½ Miles. Turn Onto Gunclub Rd. For ¼ Mi.

FARM GOODS: Hay Chopper, Wood Egg Crate, Tubs, Horse Weights, Harness Goods, Feed Box, Beam Scale, Harrows, Hog Troughs, Walking Plows, Gold Med. Sheller, Wooden Wheel Cart, Grain Cleaner, Corn Cracker, Trailer, Push Cultivators, Steel Wheels, Hay Torpedoes, Dry Measures, Seeders, Weed Eater, Wooden Wheelbarrow, Gambrels, Cured Lumber, Ass't Orchard And Bee Equip., 8x16 Slate.

COLLECTIBLES: RCA Cathedral, & Console Radios, RR Lantern, BBL. Butter Churn, Lg. School Desk, Dep. Ceiling Lights, Standard Scale, Rug Beaters, Snow Birds, Glass Insulators, Old Door Knobs, Shutter Hrdwre, Wooden Pulleys, Pitcher & Hand Pumps, Ice Saw, Cast Kettle, Hng. Scale, Ap. Butter Stirrer.

TOOLS: Bldg. Jacks, Buck Saws, Hog Scrapers, Molding & Blk. Planes, Doweling Shapers, Stdg Vise, Windlass, Sifter, Hand Truck, Orchard & Ext. Ladders, Tongs, Hand Augers, Fldg Rules, Marker Ganges, Draw Knives, Meat Saws, Shoulder Drills, Parallel Clamps, Much More Hdware.

FURNITURE: Rope Bed, Chestnut Drop-Leaf Table, School Desks, Bench, Plank & Pressed Chairs, Porch Rocker, Lib. Table, Cast Laundry Stoves, Many Hand Tools.

AUCTIONEER'S NOTE: Plan For A Long And Interesting Day. Two Auctioneers Will Be Selling Simultaneously. Tractor, Car, Ride Mower, And Waterloo Will Be Sold At Noon.

Conditions By
Robert S. Miller Executor

James W. Mohr & Son
Auction Co. AU000627L
Refreshments

RESCHEDULED PUBLIC SALE

REGIS A. KANEFALL ESTATE

Household-Antiques-Coin Collection (Proof & Mint Set) Includes 100's of Commermoratives-Large Collection US Stamps Full sheets & Four Blocks-Toys-300 Boxes of Books & Magazines etc.

SATURDAY, APRIL 24, 1993
AT 9:00 A.M.

Will have sale at the late residence.
LOCATION: Take Route #30 to New Oxford Square, then turn North onto Oxford Road 1½ Miles in Adams County, PA (Signs Posted) (COINS & STAMPS SELLING 12:00 Noon)
DO NOT MISS THIS UNUSUAL SALE
TERMS: Cash or personal checks with approval.

Executor
DAVID A. KRISHINGNER
CLAIR R. SLAYBAUGH,
Auctioneer
Phone: 717-677-7479
PA Lic #856L

PUBLIC AUCTION

SATURDAY, APRIL 24, 1993
9:00 A.M.

LOCATION: 3 KING AVENUE, SHAMOKIN DAM, PENNSYLVANIA. TURN OFF ROUTES 11 & 15, AT DAY'S INN, ONTO 8TH AVENUE. FOLLOW AUCTION SIGNS TO AUCTION SITE.

ANTIQUES & COLLECTIBLES

CHILD'S 3-WHEEL WOODEN TRICYCLE W/ WOODEN WHEELS & RED PAINT, CIRCA 1890; Early Morticed Bench w/Scalloped Feet; Round-Top Trunk w/Brass Buttons; Plank Bottom Chairs Include Half-Spindle Chair Signed J. Landis, 4 Refinished Arrowback Chairs, Refinished Arrowback Nursing Rocker & Re-Decorated Balloon Back Rocker; 93-PCS, SERVICE FOR 12 NORITAKE OCCUPIED JAPAN CHINA (1 cup damaged); Glass Covered Rooster Dish; Frosted Glass Covered Fish Dish; 7-Pc. Victorian Water Set; 1925 B&G Christmas Plate; Set of Dresden 1971 to 1977 Christmas Plates; Cranberry & Opalescent Spot Sugar Shaker; Ruby Red Souvenir Tumbler of Sunbury, PA; 6" TEDDY BEAR W/STEIFF BUTTON IN EAR; Asst. Marbles (some clay); Celluloid Animals; Lead Chickens & Animals; Wooden Barn w/Wooden Animals; Checkerboard Puzzle by Cooper Warner, York, PA; Lead Soldiers w/Cannon Marked France; Fisher Price Chatter Telephone; Asst. Postcards; 1940 NY Fair Memorabilia, Baptism of Jesus Christ by N. Currier in Original Frame; EARLY GREEN & MAROON QUILT, FLAT IRON PATTERN; Bates George Washington Bedspread by Heirloom w/Certificate; Crocks & Jugs Including 2 Dipple, Lewistown Jugs & 5-Gal. Decorated Jug by Smith, Flemington, NJ; Bennington-Type Pottery Spittoon; Reading Railroad Lantern; Railroad Memorabilia; Refinished Wooden Goose Decoy; Misc. Sleigh Bells Including String of 35 (re-strapped); Sm. Gypsy Kettle; Early Sm. Goose Neck Tin Oil Can; 2-Gal. Milk Can; Cast Iron Cricket Boot Jack; Counter-Top Scale w/ Weights & Tin Scoop, Orig. Decoration; Cast Iron Wall Match Holder; Iron Fireplace Trammel; Cast Iron Butcher's Kettle (for flowers); Sterling Candleholders, Paul Revere Bowl & Serving Spoon; Misc. Paper Money; Etc.

TOOLS, HOUSEHOLD & MISC. ITEMS

Amana 20 Refrigerator w/Freezer Bottom; G.E. Automatic Washer & Dryer; Coldspot Upright Freezer; RCA XL-100 Floor-Model TV; RCA Portable Color TV; 2 Electrolux Sweepers; G.E. & Gibson Window Air Conditioners; Sofa w/Matching Love Seat; 2-Pc. Living Room Suite; Upholstered Chair; Recliner; Square Marble-Top Stand; Round 3-Tier Marble-Top Stand; 2 Mahogany Drum Tables; Wooden Dinette Set (sm. dropleaf table & 2 chairs); 5-Pc. Breakfast Set; Ladder-Back Chair; Microwave Cart; 3-Pc. Maple Bedroom Set w/Springs & Mattress; Single Bed w/Springs & Mattress; Roll-Away Bed, Steamer Trunk; Bookcases; 2-Drawer Metal File Cabinet, Metal Office Desk; Desk Chair; Smith Corona Electric Typewriter; 2 Oval Room-Size Braided Rugs; Asst. Floor & Table Lamps; Covered Eagle, Fish & Bird Dishes, Misc. Dishes, Pots & Pans; 5-Speed Schwinn Bicycle, Pawley's Island Rope Hammock (60 x 84); Iron Porch Bench by Stewart Iron Works; Aluminum Frame Chaise Lounge, Chair & Rocker; 8' Yard Windmill; Jacobsen Self-Propelled Electric Start Lawn Mower Super Bagger, Metal Wheelbarrow; 2 Wooden Stepladders; ShopVac, Metal Work Bench; Asst. of Tools - Hammers, Saws, Brace & Bit, Screwdrivers, Etc.; Other Misc. Items.

TERMS: CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT W/AUCTIONEER OR PRIOR APPROVAL.

THEDA J. & LUKE J. BRINKER
OWNERS
AUCTIONEERS: DOCKEY #AU229L, DOCKEY-ROMBERGER #AU1683L & DEPPEN #AU1957L

LEE D. DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
Box 164 Pillow Pa 17080
Phone 758 6004

CONTINUATION SALE
OF WALNUT VALLEY FARMS NURSERY
MONDAY, APRIL 19, 1993
4:00 P.M.

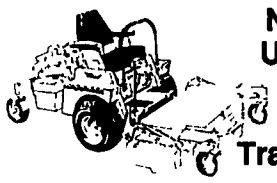
LOCATED: Off Rt. 30 West Of York On Rt. 116, 2 Miles, Auction On Right.

Flower Arrangements - Pots - Novelties - Vases - Plant Food - Etc.

TERMS: CASH OR GOOD CHECK

AUCTION CONDUCTED BY:
RENTZEL'S AUCTION SERVICE
EMIGSVILLE, PA.
764-6412
PA LIC. #761

ABSOLUTE AUCTION



New & Good Used Lawn & Garden Equipment
Tractors - Tillers
Mowers — Accessories

TUES., APRIL 27, 1993
Auction Starts 6 P.M. (Sharp)

(Everything Will Be Sold Regardless Of Price)

Extra Good Line of Equipment to this Sale!

LOCATION: Martindale. Take Rt. 322 East of Ephrata to Traffic light in Hinkletown Turn left to Martindale, turn left on Gristmill Road and follow Auction signs to auction, Lanc. Co.

NEW EQUIPMENT — 304 Dixon 10 hp w/30" cut, 80XE Ingersoll 8 hp w/30" cut, 411 Grasshopper 11 hp w/35" cut demo, 2 - 5 hp 21" McLane Self-propelled Hand Mower demo, Poulan 32cc trimmer, NB26 26cc Robin Trimmer demo, Z1230 Quinstar 12 hp 30" cut Zero Turn Mower, 2 - 5 hp Roto Hoe Chipper Shredder, Hand Push No Drift Weed Applicators.

USED TRACTORS & EQUIPMENT — 1811 Cub Cadet 18 hp Hydro w/50" cut real nice, 12/38 J C. Penneys 12 hp w/38" cut like new, 4213 Honda 13 hp water-cooled w/42" cut like new, 3813 Honda 13 hp water-cooled w/38" cut and catcher, 444 Case 14 hp Hydrive w/48" cut, 224 Case 14 hp Hydrive w/44" cut rear discharge, 1000 Cub Cadet 10 hp w/46" cut, 1720 Cub Cadet 17 hp Hydro w/46" cut, 383 Cub Cadet 8 hp Hydro w/38" cut, Craftsman 18 hp w/44" cut and snow thrower, 111 John Deere 11 hp w/36" cut, 212 John Deere 12 hp w/46" cut, 180HD Mitsubishi 18 hp diesel Hydro 4WD w/48" cut, 114 YT Ingersoll 14 hp w/38" cut, 28086S Snapper 8 hp w/28" Hi Vac and catcher, GMT 900 Gravely 22 hp water-cooled gas, LT11 Snapper 11 hp w/33" cut and bagger, 5665 Gravely 12 hp walk-behind power unit w/42" cut sulky and brush cutter, Charger 10 Wheel Horse 10 hp w/36" cut and hydraulic lift, 1650 Jacobsen 16 hp w/48" cut, 1844 M.T.D. 18 hp w/44" cut; 230 Suzuki Sport 4 Wheeler w/Nerwly Rebuilt engine MP8 8 hp 34" cut.

SNOWMOBILES — 500 Arctic Cat Pantura Snowmobile, 340 Arctic Cat Lynx Snowmobile, 440 Arctic Cat Puma Snowmobile.

USED ZERO TURN MOWERS — 428 Dixon 12 hp w/43" out and catcher like new, 411 Grasshopper 11 hp w/35" cut, 308 Dixon 8 hp w/30" cut and catcher, 1820 Grasshopper 18 hp w/52" cut, 1210 Grasshopper 12 hp w/44" cut, 424 Dixon 11 hp w/42" cut, 718D Grasshopper 16.5 hp diesel w/61" cut new gemini drive, 1822D Grasshopper 16.5 hp diesel w/61" cut, 1442 Quinstar 14 hp w/42" cut.

USED SMALL EQUIPMENT — Jacobsen 3.5 hp 21" cut Superbagger hand mower, 21355P Snapper 3.5 hp 21" cut hand mower, C21507R Snapper 5 hp 21" Commercial push mower, Craftsman 4 hp 22" cut hand mower w/rear bagger, Montgomery Ward blade, Montgomery Ward snowthrower, Green Machine 3000 LP trimmer, Green Machine 1900 trimmer, 2-Echo SRM 200 trimmers, Echo SRM 300E trimmer, Echo SRM 302A trimmer, Robin NB211 trimmer; John Deere 4 hp 21" Self-propelled Hand Mower w/electric start and rear bag, V212 Snapper 3 5 hp; 21" Self-propelled Hand Mower w/rear bagger, HRM-21-BF Honda 21" Mulching Mower, 2 - Hahn Eclipse 21" Self-propelled Hand Mower.

NOTE: This is a continuing business and more good used equipment may come in by sale time. Terms are cash. No out of state checks unless authorized by Auctioneers or owners. All items listed will be sold regardless of price with no reserve to the highest bidder. This is an ideal time to purchase your Lawn and Garden Equipment at Absolute Auction. Refreshments Available.

TERMS BY:

LAWN CARE OF PA
DANIEL Z. MARTIN & SON
#215-445-4541

AUCTION CONDUCTED BY:
Randal V. Kline, Lloyd Kreider
Roy Good, Jr., Auctioneers
Lic. #AU-000499L
#717-733-1006

KLINE, KREIDER & GOOD
AUCTIONEERS

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

MON. JUN. 7 - 6:30 PM Wholesale Furniture, A&C Diffenbach Auction Inc. 100 W. Jackson St., New Holland. Alan Diffenbach, auct.

FRI. JUN. 11 - 9AM Farm Equip. & Supplies, A&C Diffenbach Auction Inc. 100 W. Jackson St., New Holland. Alan Diffenbach, auct.

FRI. JUN. 11 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

SAT. JUN. 12, Third Annual Central Berks Co. Spring Farm Toy & Toy Truck Show. Located Leesport Market & Auction, Leesport, Pa. (Rt. 61 Approx. 10 Mi. N. Of Reading).

SAT. JUN. 12 - 9AM Bridge Street, Selinsgrove. Selling large selection of antiques and collectibles for the late Eva Gross. Super oak bedroom suite, and oak table. Great selection of smalls. Estate of Eva Gross, Owner. Hassinger/Courtney, aucts.

WED. JUN. 16, Dairy Promotion Sale. Located Belleville Livestock Market, Belleville, Pa. For More Information Call, Eugene Glick.

WED. JUN. 16 - 3:30PM Large selection of tools and garage equip. at 210 W. Pine St., Selinsgrove, Pa. Dorothy & the Late "Dutch" Griner, owner. Hassinger/Courtney, aucts.

WED. JUN. 16 & THURS. JUN. 17, Large 2 Day Sale Of Farm Equip., Etc. At Our Sales Lot Located 6 Miles South Of Chambersburg, Pa., One Mile East Of Marion, Just East Off Rte. 91 Along Rte. 914. Owners, Jerrold & Gloria Oaks. Marion Auction Service, 5174 Horst Rd., Chambersburg, Pa. 17201

FRI. JUN. 18- 1:30PM State graded pig sale. Westminster Livestock Auction, Westminster, Md.

PUBLIC ESTATE AUCTION
Saturday, April 24, 1993
At 8:00 A.M.

Located in Mt. Pleasant Mills, Snyder County, PA. In Selinsgrove take Route 35 South 9 miles to crossroads, make left onto Route 104 and travel South 2 miles. At Buckwheat Valley Road make right and travel 1 6/10 miles and make left onto dirt road, travel 6/10 mile to auction site. Watch for auction signs day of auction.

REAL ESTATE

Real Estate consists of 172 acres, more or less, in Perry Township, Snyder County, whereon is situate a 2 story family dwelling, barn and other outbuildings. There are approximately 80 acres, more or less Tillable. Home is a remodeled chicken house which consists of a kitchen and cellar downstairs and a living room, 4 bedrooms and a bathroom upstairs. Home is supplied with well water and a hot air furnace. Be sure to inspect, arrange your financing and be prepared to bid on and buy this property on auction day. Property is designated on Snyder County Tax Map 04, Parcel 024, and is recorded in Snyder County Record Book 91, Page 324.

TERMS: 10% down day of auction and balance within 45 days. Real Estate to be offered at 12:00 noon. For showing of Real Estate call: (717) 539-8681, (717) 837-3364, (717) 539-8388, (717) 837-0406 or (717) 539-2414.

ANTIQUES AND COLLECTIBLES

Side by Side Combination Drop Lid Desk w/Bowed Glass China Closet, Beveled Mirror on Top and Ball & Claw Feet in Front, 68"Hx40"Lx16"D; Swivel Desk Chair w/Bent Wood Arms and Pressed Back; Oak Bowed China Closet w/2 Glass Doors on Sides w/2 Drawers in Middle Over 1 Door w/Beveled Mirror on Top and Heavy Applied Carvings and Ball & Claw Feet in Front; Oak Side by Side Combination Drop Lid Desk and 1 Door Closet w/Beveled Mirror and Applied Carvings; Oak China Cabinet w/2 Glass Doors; Oak China Closet w/1 Door and 3 Sides Being Glass; Oak Server w/Beveled Mirror; Dining Room Ext. Table w/Queen Anne Legs; RCA Victrola; Sideboard; Hobart M. Cable Piano w/Bench; Old Ice Box; Oak Kitchen Cabinet (rough); 8 Day Shelf Clock w/Carvings; Sterilizer Cabinet, 14"Hx14½ "Lx8"D; 7' Wooden Bench; Singer Treadle Sewing Machine; Kitchen Table w/1 Drawer and Metal Pullout Sides (nice); Assortment of Flat Top Trunks; Oak Flat Arm Rocker; Flat Arm Rocker w/Sleigh Front; Flour Chest w/2 Drawers and Orig. Flower Design (lid needs repaired); Dovetailed Blanket Chest w/Turned Feet; Quilting Frame; Oak Dresser w/2 Sm. Drawers Over 2 Lg. Drawers and Beveled Mirror and Heavy Applied Carvings; Blanket Chest w/Turned Legs and Dovetailed Sides; Oak Washstand w/2 Drawers and 2 Doors (rough); Oak Library Table w/Ball & Claw Feet; (6) Highback Chairs w/Hiphuggers and Pressed Seats; (3) Barrel Round Plank Bottom Chairs; 4 Drawer Chest of Drawers w/ Sleigh Front; Server w/Queen Anne Legs; Sm. Wooden Chest w/Lid, 14"Hx25"Lx13½ "D; Cane Bottom Rocker (cane out); Assortment of Old Pictures and Frames; Assortment of Old Radios; **Civil War Diary w/Leather Cover**; Yankee Civil War Cap; 34" Sword; High Grade 5610 Trumpet, Manufactured in Williamsport; Old Violin; Old Doctor Bag; Old Tin Candy Molds; Assortment of Kerosene Lights; Strap of 6 Sleigh Bells; Assortment of Nice Arrowheads; Old Pocket Knives; Last Lunch Kills Rats Tin; Prince Albert Tins; Assortment of McCormick Tins; Several Hershey Cocoa Tins; Metzger's Old German Mt. Carmel, PA Beer Tray; Tin Monkey, 8½ "L and Operated by String; Several Older Dolls; Old Woven Baskets; Bear Bank; Assortment of Green, Amber and Pink Depression; Duchess Doll Co., 1949, Doll Baby Eyes Open and Close, 7½ "L; (2) Old Electric Crystal Glass Lights; (2) Candle Holders w/Marble Bottom and Ruby Top; Old Bicycle Horn; Wooden Butter Turn; (2) Butter Bowls; (2) Butter Prints w/1 Having Flower Design; 2 Gal. Glass Butter Turn; (2) 1 Gal. Glass Butter Turns; (2) Old Metal Splatchers; Assortment of Graniteware; (2) Slaw Boards; Old Coca-Cola Soda Box; Assortment of Cast Iron Fry Pans; Cast Iron Waffle Iron; Blue Granite Coffee Pot w/No Inserts; Assortment of Crocks and Crock Jugs; 1 Gal. Crock Having Blue Flower (chipped & cracked); (2) Apple Peelers; Cherry Seeder; (3) Corn Dryers; 20 Lb. Penn Scales w/Scoop; General Catalogue JD Plow Co.; Wooden Barrels; Complements of S.G. Kerstetter, Meiserville, PA, Plate; 1855-1955 Snyder County Courthouse Plate; Adv. Thermometer R.E. Shaffer "Your Store On Wheels", R.D. #1, Mt. Pleasant Mills, PA; Adv. Thermometer W.W. Boone, Liverpool, PA; Adv. Thermometer Mengel Brothers Rest. & Service Station, Richfield, PA; Peanut Butter Glasses; Hens On Nests; Assortment of Nice Glassware; Rug Beater; The Following Are Quilt Tops: Star, Irish Chain and Crows Foot and Others; and Many More Items of Interest.

APPLIANCES AND HOUSEHOLD

Columbian Cookstove, 42"Hx34"Lx28"D; Columbian Cookstove (rough); Coalstove; App. 2 Ton Coal; Hotpoint Refrigerator Freezer (older); Hotpoint Electric Stove; Sharp Microwave w/Turntable; Hotpoint Chest Type Freezer (older); Maytag Wringer Washer; Quasar Solid State Colored TV; Breakfast Set w/5 Chairs; Plank Bottom Rocker; Modern Baby Cradle; Modern Waterfall Cedar Chest; Sears Kenmore Sweeper; Assortment of Upholstered Furniture.

GUNS, COINS AND POCKET WATCHES

Remington 721 Bolt Action 30.06 w/Weaver K-6 Scope; Remington 33 22 Single Shot; Winchester 67 22 Single Shot; Winchester 37A Youth 20 Gauge Single Shot H&R 48 20 Gauge Single Shot; High Standard K4111 410 Pump; Wurfflein WW Serial #798 Philadelphia, June 24, 1884, Octagon to Round Barrel 22 Single Shot w/Peep Sight and Extra Barrel; Winchester Model 67A 22 Single Shot; Hopkins & Allen Arms Co. 12 Ga. Single Shot; The Shooters Bible No. 42 1951 Edition; Old Powder Horns; 1/2 Box of 32 Center Fires; Residence Hunting License 1957, 1960 and 1964; 1911 D 20 Dollar Gold Piece; 1856 Half 13 Star Calif. Gold Pc.; Elgin 7 Jewel Double Face in Back Pocket Watch Marked HK (doesn't work); American Watch Co. Pocket Watch.

CAR

1978 Dodge Aspen, Automatic, 6 Cylinder, One Owner, w/ Approx. 86,600 Miles.

FARM, LAWN & GARDEN, AND BUTCHER EQUIPMENT

Ford Red Belly Tractor w/3 Pt.; MF 3 pt. 2x14 Plows; MF 3 Pt. 7 Ft. Blade; IH 3 Pt. Cultivators; Flat Bed Wagon w/MF Running Gear; JD Model 39, 7 Ft. Bar Mower; 3 Pt. Harrow; Cub Ground Driven Manure Spreader (for parts); 2 Wheel Cart; 1 & 2 Hole Corn Shellers; Ford Crossbuck Saw; Ford Pulley; DeLaval #12 Creamer Separator; Tap and Dye Set; Pipe Threader; Bench Vice; Anvil 20"Lx3½ "W; Stanley 8" Worm Drive Skill Saw; Wood Block Plains; Chains and Belts; Bull Pinchers; Chicken Crates; 4" Jointer; Assortment of Lawn and Garden Tools; Steel Weedeater Model No. P586 (like new); Montgomery Ward 12 H.P. 38" Cut, 7 Sp. Trans. Riding Lawn Mower; Weedeater 20" Push Lawn Mower (like new); (2) Butcher Kettles; Atlas Kettle Stove; Enterprise 6 Qt. Lard Press; #22 Enterprise Meat Grinder; Mutcher Reducer w/ Motor; Butcher Bench; Ladles; Forks; Beam Scales; Meat Saw, Hooks and Scrapers; and More Items of Interest.

TERMS: Cash or PA Check I.D. Required
LUNCH STAND: Arbogast Lutheran Church
Attorney: Thomas C. Clark
431 E. Main St., Middleburg, PA • (717) 837-0091
Auctioneers:
Roger A. Lauver Dean E. Longacre
AU-002634-L
R.D. #3, Box 196-C
Selinsgrove, PA 17870
(717) 374-3793

ESTATE OF: HULDA P. MENGLE
Executrix: Ferne A. Lauver, (717) 539-8681
Executor: Marlin R. Mengle, (717) 837-3364
Executor: Donald C. Teats, (717) 539-8388
Executor: Richard P. Teats, (717) 837-0406
Executor: Glenn M. Mengle, (717) 539-2414

AUCTIONEERS NOTE: If you enjoy a good country auction, be sure not to miss this one. Come early and stay late. Auction will be held in tent.

SALE ORDER: At approximately 10:00 (1) auctioneer will be selling Small Wagon Items, Butcher Equipment and Farm Machinery, and (1) auctioneer will be selling Household and Antiques. Real Estate at approximately 12:00; Guns and Coins at approximately 1:00, followed by furniture.

OWNERS AND AUCTIONEERS NOT RESPONSIBLE FOR ACCIDENTS

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. JUN. 19 - 9AM Personal property and real estate of the late Elmer Shamory Troxelville, Pa Large 2 story home with open stairway, oak trim throughout and 24x40 building with lots of possibilities Great oak bow front china, and bedroom suite Good selection of advertising pcs. from earlier store days. TE. Good. Estate of Elmer Shamory-owner Hassinger/Courtney, aucts

SAT. JUN. 19 - 11AM Sharp. Horse Sale, Draft, Driving & Mules. Located At 834 Wallace Rd., New Holland, Pa. Owner, Mel Hoover. Abe Diffenbach, Auct.

SAT. JUN. 19 - 12Noon, Real Estate Auction, 82 Acre Dairy Farm. Bachman Road, Annville, South Annville Twp., Leb. Co., Pa. By Donald K. & Alta T. Bomberger. Nelson L. Ebersole, auct.

MON. JUN. 21 - 9.30AM Corry, (Near Erie) Penna. Calvin Sill/Sill Farms, Complete Potato Farm Dispersal. Pirrung Auctioneers, Inc. Wayland, New York 716-728-2520.

WED. JUN. 23 - 3:30 PM Selling a nice selection of household goods and antiques at 11 11th ave. Shamokin Dam Rd. Elsie Bailey, owner. Hassinger/Courtney, aucts.

FEEDER SALE
APR. 21
Weds.-7:30 P.M.
Four States
Hagerstown, MD
Call
301-733-8120

HEIFERS - HEIFERS - HEIFERS

FRI. MORNING,

APRIL 30, 1993

10:00 AM DST

AT SHADY LANE DAIRY SALES INC.
ALL SIZES OF FARM FRESH HEIFERS

Consignors: All consignments must be from farms, no shipped heifers accepted. Have your heifers T.B. and Blood tested before arrival. Contact us if you have any good farm fresh heifers to sell. Accepting daily from 8:00 am to 5:00 pm on Wednesday and Thursday, April 29. No heifers accepted sale day. All heifers sold individually for best price. Health papers with results of tests must accompany heifers.

Buyers: All new out of state buyers must have letter of credit. Heifers pregnancy checked. Accredited Vet available for interstate. Trucks available for immediate shipment.

Directions: From Harrisburg - 283 to Lancaster to 222 south and Quarryville.

From Baltimore - I-95 north to 222 north and Quarryville.

In Quarryville, ¼ mile west on Rt. 372, Left onto Oak Bottom Road and Shady Lane. Only farm on road.

Plan to be with us all day on Friday, April 30.

Shady Lane Dairy Sales Inc.
23 Shady Lane P.O. Box 673
Quarryville, Pa. 17566-0673

Glenn D Fite 717-786-2750 | **Fax** 717-786-3250 | **David L. Fite** 717-786-1725

"Six Generations of Sales and Service"

NIGHT TIME DAIRY COW AND HEIFER SALE

Wednesday Evening, April 28, 1993

7:00 P.M.

Selling at Kling's Sale Barn, located 15 miles North of Carlisle on Route 74, 2 miles Northeast of Landisburg, PA.

150 HEAD

40 Recently Fresh First Calf Heifers and Young Cows - over ½ Registered. Sired by: Jethro - Astro Jet - Counselor - Tab - Vintage - Majesty - Lancer - and other Canadian Sires. Several milking over 80 lbs. right now.

Plus 25 Close Springing, Registered and Grade Heifers and Young cows.

Registered Heifer's Calves selling Sired by: Lincoln - Clyde - Broker - Lindy - Jackpot - and, hopefully, a Prelude due before Sale.

Call for a complete list of Calves before Sale.

Also - Registered Ayrshire Herd Dispersal - 25 Head of Cows and First Calf Heifers. A-I Breeding for Generations - No Horns - Calfhood Vaccinated - Good Cattle from Tie Stall Barn.

Special Mention: A Springing 2 year old that looks like a Big Time Show Prospect.

Reason for Selling - owner is retiring. Add a little color to your life - Try an Ayrshire.

And - 50 to 60 Head of Holstein Heifers. Registered and Grades - From Short Bred to Springing Now - Heifers with Type and Size - All Heifers have been here on my Farm since last Fall - Have had all their shots - 3 Brown Swiss - Balance Holsteins.

Also - Bent Creek Farm sends a Fancy Registered Jersey and several top Holsteins.

And - Dave Walton consigns 2 Fancy Fresh, Registered Heifers.

Sale Managed By: *Kling's Auctions, Inc.*
R.D. 1, Box 66, Landisburg, PA 17040
PA License #0500 717-789-3883

KLING'S AUCTION SERVICE

Public Auction

Of A 40+/- York County Gentleman's Farm

Antiques — Tractors — Farm Machinery — Household Items — Guns

Saturday, April 24, 1993

9:30 A.M.

Real Estate At 12:00 Noon

Directions From Exit One Of I-83 Go East On 851 8/10 Mi. TR Or Tolna Then 2/10 Mi. TL On Deer Creek To Prop One Mile.

This high quality farm is immaculate. The location would not be better. (1.8 mi. from exit one). A 2 story farm home has 3 bedrooms and modern features and sits overlooking a quiet valley that on rare occasion you will catch a glimpse of the old train going from Stewartstown to New Freedom on a holiday run. A 36'x60' bank barn has stables below. (very usable barn). There is a garage, machinery shed, smokehouse, corn crib, & chicken house. The farm is entered in the clean & green program for low taxes and does have subdivision potential. Growing crops reserved.

Farm Machinery

Farmall 460 gas @ live PTO & hyd. — H Farmall @ mounted cultivators & new rubber (both kept inside & nice) — Myers snowplow for IH tractors — Woods 7' rotary mower — IH 3 bottom plow (fast hitch) — tractor chains — flat bed wagon — IH 2 wheel wagon — IH 2 row corn planter working order — Clark drag disc — Oliver 4 sec. harrow — cultipacker — 8' racks for Ford PU — garden cart — cast hog troughs — platform scales 32' wood ext. ladder — log chains — bag holder — used tin — 200' steel mesh wire 36' wide — roll new screen wire — 5" endless belt — stepladders — window sash — grass trimmer — horse drawn wagon tongues — 3 hydraulic cyls. — hyd. hose — shovels, axes etc. — lime spreader — burlap bags — used tin — misc. tools — wheel horse 12 HP mower — wheel horse wagon.

Antiques & Household & Guns

Grain cradle — 2 wood grain rakes — wood tool box — crock chicken waters — zink lined drysink (made 1942) iron skillets — crocks & jugs — 4 matching plank bottom chairs — wood butter churn — glass butter churn — quilting frame — 2 plank bottom chairs — cross cut saws — wood porch bench.

Guns: A.J. Ambrey 12 gauge shot gun, Hamilton 12 gauge shot gun, Kingstower 1865 Musket, Remington model 10-12 gauge shot gun, Springfield model 15-22 rifle, Crossman 140 Pellit gun, Daisy Pump gun.

Special Mention: Agriculture Almanacs from John Baer's Sons Inc., Lancaster Dated 1904 then 1917 through 1936 (1921 & 23 missing) — old books — oak kitchen clock — egg baskets — steel traps — 2 buckeye brooder stoves — 2 chicken coops — single trees, double trees & check lines — wood pulleys — picnic table wood ice cream freezer — Maytag auto washer & Maytag elec. dryer (both like new) — sofa — breakfast set — Other misc. items from attic to the basement — Coca Cola cooler, bicycles.

To View The Real Estate: Open House Sunday, March 28th and April 18th - 1-4 P.M. Or Call Owners Or Auctioneer for Appointment.

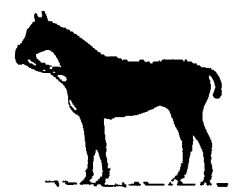
Terms Of Real Estate: 10% day of auction balance in 60 days — personal property full payment day of auction by cash or check if known by owners or auctioneers.

Owners-
Richard & Pearl Orwig
New Freedom, Pa.
717-235-1927

Auctioneers:
C. Martin Heaps
Stanley Bucher
#2762 & 2642
717-382-4725

—Lunch Will Be Served—

QUARTER ACRE FARM SPRING HORSE AUCTION



All Breeds Welcome

April 24, 1993

11:00 A.M. Tack

Horses Sold After Tack

"SPECIAL ATTRACTION"

Draft Horses

For Information
717-265-8732

Pete, Eileen, Chad & Kyleen Alesky
Auctioneer - AU#1722 D. Jennings
Location: 1/4 mile off Rt. 414 7 miles from Towanda, PA. Signs will be posted on Rt. 414.

SIERK FARMS
COMPLETE DISPERSAL NOTICE

Friday, April 30, 1993

At 9:00 AM, Darien Center, NY

SELLING 350 head Holstein Dairy Cattle; 200 milking and dry cows, 150 heifers and calves. March '93 herd average: 21,323 3.7% 790. PLUS an Outstanding line of Farm Equipment, including 1992 JD 5730 SP chopper; 7120 Magnum and 5120 Maxxum tractors (low hours); 1992 Reel Auggie mixer wagon; 1992 Gehl Scavenger II spreader; plus tillage, forage and harvest equipment.

WATCH NEXT WEEK FOR FULL AD OR SEND FOR BROCHURE.

MARTIN SIERK,
Owner

Wm KENT Inc. REAL ESTATE BROKERS AUCTIONEERS
STAFFORD, NY PH. 716-343-5449

HUGE LIQUIDATION AUCTION

MTA VOCATIONAL-TECHNICAL SCHOOL

MONDAY, APRIL 26, 1993

AT 10:00 A.M.

Located at 3405 North Sixth Street, Harrisburg, PA.

AUTOMOTIVE EQUIPMENT

Surface Lifts, Tire Changers, Diagnostic Equip., Paint Booth, Compressors, Hundreds Tools, Engines, Alignment Rack, Etc.

DIESEL

10 Diesel Engines, Diesel Repair Tools, Engine Stands, Jacks, Repair Manuals, Etc.

HVAC

5 Furnaces, Heat Pump, Diagnostic Tools, Manuals, Etc.

TOOLS - EQUIPMENT

Sheet Metal Roller, Brake, Shearer, Drill Press, Grinders, Valve Grinder, Brake Lathes (3), Frame Puller, 4 Post Surface Lift, Hundreds Snap-On, Craftsman Tools, Tool Boxes.

OFFICE FURNITURE-COMPUTERS

IBM PC, Copiers, Typewriters, Overhead Projectors, Desks, Chairs, Tables, File Cabinets, Fireproof Files, 3 Computers, Safes, Computer Desks, Hundreds & Hundreds of Pieces!

EDUCATIONAL MATERIALS ($100,000 COST)

24 Training Centers For Heat, Electric, Gas, Diesel Engines, A/C, Automotive, Etc. Videos, Books, Tapes, Manuals.

** Please watch next weeks paper for a large detailed ad**

Kerry A. Pae, CAI, AU1367
Jeffrey L. Knosp, CAI, AU1710L

KERRY PAE AUCTIONEERS
Harrisburg, PA
(717) 236-3752

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI. JUN. 25 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

SAT. JUN. 26 - 10AM, Farm Equipment, Sheep Raising Equipment, Shop Tools, Household Goods, Furniture, Old Quilt & Collectibles. Located On Premises 8044 Redstone Drive, Harrisburg, Pa., East Hanover Township, Dauphin County, Pa. Owners, Glenn & Florence Zeager. Nelson L. Ebersole, Auct.

TUE. JUN. 29 - National Convention Sale, Rochester, NY Now Selecting. The Cattle Exchange.

JULY

FRI JUL 2 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

MON. JUL. 5 - 6:30 PM Wholesale Furniture, A&C Diffenbach Auction Inc. 100 W. Jackson St., New Holland. Alan Diffenbach, auct.

WED. JUL. 7 - 6:30 PM Winross Trucks & Toys, A&C Diffenbach Auction Inc 100 W Jackson St., New Holland. Alan Diffenbach, auct.

FRI. JUL. 9 - 9AM Farm Equipment & Supplies, A&C Diffenbach Auction Inc. 100 W. Jackson St., New Holland. Alan Diffenbach, auct.

FRI. JUL. 9 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

SAT. JUL 17 - 11AM Sharp Horse Sale, Draft, Driving & Mules. Located At 834 Wallace Rd., New Holland, Pa. Owner, Mel Hoover. Abe Diffenbach, Auct

FRI. JUL. 23 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

TUE. JUL. 27 - 9AM Quilt, Craft & Buggies, A&C Diffenbach Auction Inc. 100 W. Jackson St., New Holland. Alan Diffenbach, auct

WED. JUL. 28 - 9AM Quilt & Craft, A&C Diffenbach Auction Inc. 100 W. Jackson St, New Holland. Alan Diffenbach, auct.

AUGUST

MON. AUG. 2 - 10AM Gainesville (Wyoming Co) New York Don and Kathy Meyer Complete Potato Farm Dispersal. Pirrung Auctioneers, Inc. Wayland, New York 716-728-2520.

MON. AUG. 2 - 6:30 PM Wholesale Furniture, A&C Diffenbach Auction Inc 100 W. Jackson St, New Holland. Alan Diffenbach, auct

WED. AUG 4 - 6:30 PM Winross Truck & Toys, A&C Diffenbach Auction Inc 100 W Jackson St, New Holland Alan Diffenbach, auct.

FRI. AUG 6 - 7PM, Horse Sale Located At New Holland Sales Stables, Inc, New Holland, Pa.

FRI. AUG 13 - 9AM Farm Equipment & Supplies, A&C Diffenbach Auction Inc 100 W Jackson St, New Holland Alan Diffenbach, auct.

150-250 HEAD SPECIAL HORSE SALE WORK HORSES MULES DRIVING HORSES

FRIDAY, APRIL 23, 1993

AT NEW HOLLAND SALES STABLES, INC. 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

Horse Sale 7:00 P.M.

Horses Hitched At 12:00 Noon
Note: Tack Sale 6:00 P.M.
Wagons, Sleighs, Harness, Etc.

- 1 load top work horses & mules consigned by Ward Wright.
- 1 load top work horses consigned by Shy Tipton.
- 1 load Saddlebred Driving Horses consigned by Christ Z. Stoltzfus.
- 5 loads Standardbred Driving Horses consigned by: Jonas Beiler, Elam B. Stoltzfus, Clayton Waterberry, Jerome Wanner, Reuben G. Stoltzfus.

Plus Many More Consignments By Sale Time.
For more information call:

Norman or David Kolb- 61L
717-354-4341- Barn • Home- 717-397-5538
FAX# 717-355-0706

Next Horse Sale - May 7, 1993 - 7 P.M.

PUBLIC AUCTION

275 FEEDER STEERS 275 TRUCK LOAD PRODUCE

Located on Alvin Wenger Farm, near McKees. Next to Halls Church. 7 miles North of Liverpool, PA. 4 miles South of Port Treverton. Watch for Auction Arrows off Routes 11 & 15 at McKees or off Route 104 at Meiserville.

SATURDAY, MAY 1, 1993
Starting 10:00 am with Produce
12 Noon Sharp for Cattle

275 FEEDER STEERS 275

This herd consists of over half being Angus or Angus cross, also Herefords and charlois & crosses. 10-12 Red Limo X steers. Also some good Holsteins & 25-30 started calves. Weighing from 300 to 800 lbs. plus. Cattle are fully acclimated, vaccinated, dewormed, dehorned & castrated. This is a real top set of cattle, plan to attend. Good cattle are hard to find, you will find good cattle here. **Also selling at 10 am will be a truck load of produce, load of 1-2-3-4 horse hitches.**

TERMS: Cash or good check day of sale. Out of state buyers must have current bank letter of credit guaranteeing funds.

TERMS BY:
Alvin Wenger
Port Treverton, PA
LUNCH AVAILABLE

Conducted by . . .

Fraley Auction Co.
(717) 546-6907
Licensed & Bonded - Lic. #RY-71L
RD 4, Box 328, Muncy, PA 17756
Our Service Doesn't Cost - It Pays!

AYRSHIRE AUCTION

25th Annual New York Club
EMPIRE STATE SPRING SALE
Saturday, MAY 1st at 12 Noon
Fairgrounds, Cobleskill, NY

85 HEAD -From Profitable Farm
Consignors! Sale Chairman- Del Haynes, Tully, NY PH: 315-696-5403
Ayrshires Are Better Than Ever!
A Lot Will Be Fresh or Due Soon!... SAMPLES!

16 COWS, have 305D recs to:
2-05 15401M 3.9% 605F

7 FRESH HEIFERS, dams recs. to:
3-03 19310M 4 1% 784F

30 BRED HEIFERS, dams recs. to:
3-09 19800M 4.4% 822F

5 OPEN HEIFERS, dams recs. to:
5-11 15622M 3.7% 577F

25 HEIFER CALVES, dams recs. to:
4-05 14783M 4.5% 671F

1 YRLG. BULL, dam's 305D rec. of:
7-07 19140M 4.2% 800F

1 6 Mo. Old BULL Calf, dam's Life rec.:
160,481M 3.9% 5,457F

A GREAT OPPORTUNITY for Net Profit & Breed Leadership!

EXTRA: Several March Calves... The Breed with **Better Udders-More Protein-Bigger Lifetime Profits! and You Get More Cow Per Dollar Invested!**

HEALTH: Majority Calf. Vacc, IB, Blood, Anaplasmosis tested & shipping fever innoculations within 30 days.

TERMS: Cash or good Check sale day. I.D. preferred if you're NEW.
Good Lunch at 11:30 AM - Free Catalogs From

TOM WHITTAKER, Sale Mgr & Auct
Brandon, VT 05733 - PH. (802) 247-6633

HEIFERS-HEIFERS-HEIFERS MT. ROCK FARM COW AND HEIFER SALE

Thursday, April 29, 1993
10:30 A.M.

Located south of Carlisle, Pa., off I-81 at Plainfield Exit to Rt. 11, south 2 miles to Cumberland Golf Course, turn right, go 1 mile to Clay Rd., left to stop sign, left to 2nd farm on left.

Selling Approx. 300 Head of Cattle
25 1st & 2nd Calf Heifers - Just Fresh; 50 Close Springing Heifers; 75 Short-bred Heifers; 100 Open Heifers; A Few Calves; 50 Feeder Cattle (Holsteins & Beef Breed) - 300 to 650 lbs.

Special Note:

62 Open Grade Heifers from one farm in Somerset County - Nice Cattle - All Calfhood Vaccinated.

Some of the Springing 1st-Calf Heifers include:

A Lincoln Dtr. due August 28 to Whiteriver Rookie.

A Bironniere Valiant Ted due 5-16 to Hanoverhill S S Clyde

A Bridon Astro JET due October 29 to Hanoverhill Inspiration

A Butlerview Mattador due Sale Time - Tall, white heifer!

A Hanoverhill Jethro due June 1 to Whiteriver Rookie

A 3 yr. old Nowerland Trifecta due April 21 to Milestone

A 2 yr. old Warden Granddaughter - Sells fresh in March w/a Heifer Calf by A Ted Son - Fancy Pair!!

A 2 yr. old Madawasks Aerostar - fresh - Dam at 2 yr. made 17,500 m.

"All Heifers right off the Farm - No Market Cattle" Open Heifers Calfhood Vaccinated - Health Charts - Vacc. for Shipping Fever.

Free Lunch - Trucking Available
Feeder Cattle Sold First!

BILL & CYNTHIA MCKEENAN,
Owners
235 Springview Rd.
Carlisle, PA 717-243-7651
Rick Foreman, Auctioneer
Lic. #AU-1163L
Henry Kettering, Pedigrees

The Annual Wayne Co. Club Sale
Sat., April 24, 1993

12 Noon

Located at the Wayne Co. Fairgrounds one mile North of Honesdale, Pa. just off Route 191.

"Home of Fine Holsteins & Hospitality
55 Quality Cows, Bred Heifers and Calves 55

Here's just a small representation.

★ A good young Sexation GP83, due in April to Calypso. 2-04 365 18,709 4 0 762 31602. Next Dam VG88 with 6-04 305 20,900 3.8 800 3 0 618. Next dam over 32,000 with 129,000 lifetime - David Banicky.

★ Milky Blackstar GP 80 at 2 yrs. Will be fresh 2-00 365 23,707 3.7 875F 3 0 708P Dam VG87 Rotate. 6-03 365 27,919 3.8 1061F 3.0 840P Next dam 87 Sexation with over 28,000M 900F and 140,000 lifetime Alan & Helen Longacre.

★ Fresh Monitor heifer. Her GP 81 Melwood dam at 2-01 365 24,550 3.3 807F 3.0 736P Nest dam VG88 and over 100,000 lifetime. William Bryant

★ Red Factor Nomad dau. due after sale to Peid. Dam VG87 Tradition with 5-09 305 27,900 4.8 1339F 3.1 873P. Next dam VG87 with 7-08 365 26,780 4.1 1086 F and over 125,000 lifetime. Walter Brooks.

★ Stylish Dale heifer due after sale to Altair. Dam VG87 with 7-05 326 24,665 3.1 748F 3.1 747P Next dam VG with over 100,000 lifetime - D. Ellis Dix.

★ Big Tall Vanguard GP81 at 2 yrs. and due in June to Leadman. 2-07 projected 305 20,597 4.3 886F 3.4 705P Her GP83 dam at 4-10 365d 24,044 4.8 1130F 3.6 860P. Next dam VG88 with 5-00 364d 28,539 4.6 1289F 3.3 945P 3rd dam VG88 Castlemont Farm.

★ Fancy Ares heifer due in Sept. to Rambo. Her GP 83 dam has at 3-10 16,176 3.8 617F 3.4 545P. Next dam VG85 Kingpin with 25,910 and 832 fat. 3rd dam VG85 Jet Stream. Talcrest Farm.

★ Fresh Starbuck Heifer. Dam EX913E Cavalier 6-04 332 days 27540 3.7 1024F 3.0 816P and over 157,000 lifetime. Next dam VG86 and never under 4 3 fat. Joe Pavelski.

★ Flashy Dixiecrat heifer due about sale time. Dam 5-04 305 proj 23,741 4.1 947F 2.9 693P next dam V.G. Curyldell Farm.

★ Powerful counselor heifer, will be fresh. GP83 Dam has at 5-05 in 305 24,160 and 739 fat. Next dam over 25,000 milk and over 800 fat. David Coleman.

Time is quickly running out to pick your show calf and we've got something for every class! Take a look!

Junior Calves

★ March 1st Mascot from VG88 Bell with +44P and 3-05 365 23,480 3.9 915F 3.5 826P. Next dam has many records over 20,000 as high as 25,000 milk and 871 fat. Jim Woodmansee Jr.

★ Showy Starbuck born Mar. 1 from a GP82 dam with 22,520 milk and nearly 800 of fat. Next dam has 4.6 fat and 3.9 protein. Dale Worobey.

★ "Red" Boy George born Mar. 1 with a VG 88 Grandam with 6-09 302 21,310 - Mike Nebzydoski.

Other Spring Calves by Delegate, Pontiac & Choice.

Intermediate Calves

★ Super fancy Dec. 1 Raider from a GP 2 yr. dam with 2-09 18190M & 640F. Next dam over 19,000 and near 800 fat. Con Acres Farm.

★ Nice Dec. Counselor from a GP82 Gambler Dam with 18,477 and 618 of fat. Next dam GP 81 with near 18,000 and 700 fat. Tom Page.

Others sired by Stylist; Pontiac; Jess; Valiant Ed; and Bell Jessie.

Senior Calves

★ A fancy Sept. Blackstar to build numbers with while you show her! Dam the VG85 Rotato Gala cow +61P and at 3-02 25,041 4.4 1091F 3.3 815P. Next dam the Bell Greta cow VG87 2-02 23,990 4.5 1074F. George & Paul Sheypuk.

★ Sept. 1 Ryan from a VG88 Vanguard with 3 yr. Proj. 18,468 652F & 600P. Next Dam GP82 Bell with 20,970 777F 615P Kenneth Strickland.

★ Outstanding Sept. Osado. Dam has 3-10 19,050 5.0 954F 3.2 602P. Next dam VG85 with Lifetime of 176,120 milk and 7335 fat. Rowe Bros.

Others by Daydream, Odin, and Ambition.

★ Growthy "Red" Summer yearling by Bobcat dam GP82 at 2-10 and proj. to 16,429 3.9 644F 3.5 573P. Next dam VG88 Triple Threat with 23,390 4.7 1090 Charles Dennis Jr.

Two Outstanding Calves with deep pedigrees.

★ Feb. 92 Mark Dam VG85 Enhancer with 2-02 24,960 898F 775P Next dam VG87 with 124,440 lifetime Hillside Farms Inc.

★Feb. 92 NH Lincoln Dam GP 82 at 2-10 365 days 21,192 735F 676P Next dam the famous EX902E, Trudy cow has two Pa. state records for fat with 6-04 365 37,190 5.3 1986F 3.4 1266 P and lifetime of 122,890 4.3 5303 3.5 4346. Warren G. Sutton.

For Catalogs Call or Write:
Wayne Weaver Auctioneer 717-785-5809
Ron Wood - Pedigrees 717-549-4901
David Noble Sale Chairman 717-729-8640
Randy Howell Club Pres. 717-785-9004
Gerorda Burleigh Sec. 717-448-2950
RR #1 Box 25A, Pleasant Mt. Pa. 18453
Lunch Provided By: 4-H County Council

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI. AUG. 13 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

SAT. AUG. 14 - Arnold's Hog production sale, Lebanon Area Fairgrounds. Harry H. Bachman, auct.

WED AUG 18 - Tested boar sale, State College, Pa Harry H Bachman, auct

SAT. AUG 21 - 11AM Sharp Horse Sale, Draft, Driving And Mules Located At 834 Wallace Rd , New Holland, Pa Owner, Mel Hoover. Abe Diffenbach, Auct

FRI AUG. 27 - Lebanon Co Holstein Club Sale, Lebanon Area Fairgrounds, Harry H. Bachman, auct.

FRI. AUG. 27 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

TUE. AUG. 31 - 10AM Tractor Auction (Antique & Modern), A&C Diffenbach Auction Inc 100 W Jackson St., New Holland Alan Diffenbach, auct

SEPTEMBER

FRI SEPT. 3 - 7PM, Horse Sale Located At New Holland Sales Stables, Inc., New Holland, Pa.

FRI. SEPT 3 - 9AM, Fall Machinery Sale Located Belleville Livestock Market, Belleville, Pa. For More Information Call, Eugene Glick

FRI. SEPT 10 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

SAT. SEPT. 11 - Pa. Yorkshire Asso. Fall show & sale - Lebanon Area Fairgrounds. Harry H. Bachman, auct.

SAT. SEPT. 18 - Pride of York Co. Club pigs and breeding stock - York Fairgrounds, Harry H. Bachman, auct.

SAT. SEPT. 18 - 11AM Sharp. Horse Sale, Draft, Driving And Mules. Located At 834 Wallace Rd., New Holland, Pa. Owner, Mel Hoover. Abe Diffenbach, Auct.

FRI. SEPT. 24 - Disaster Relief Heifer auction, Lebanon Area Fairgrounds Harry H. Bachman, auct

FRI. SEPT. 24 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

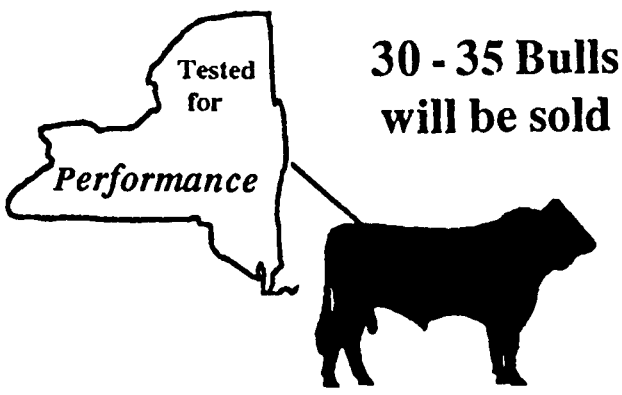
SAT. SEPT. 25 - 10AM, Fall Hfr. Sale Located At New Holland Sales Stables, Inc., New Holland, Pa.

Dairy and Livestock Sales

New York Bull Test Sale

****Friday Evening April 23, 1993 at 7:00 P.M.****

Livestock Pavilion Cornell Campus, Ithaca, N.Y.

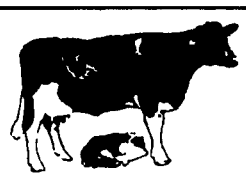


30 - 35 Bulls will be sold

10 Breeds Represented from 5 States

The 1992-93 New York Bull Test has a bull for your farm. All bulls have been performance tested according to BIF guidelines and certified to be reproductively sound and structually correct. Bulls will be eligible for interstate shipment.

For further information please contact:
Debbie Ketchen - Bull Test Coordinator 607-844-8385
For Catalog Call - Jeanne White - Sale Chairperson 607-838-3670



Two Outstanding Herd Dispersals

At The Shady Lane Dairy Sales Inc. ¼ mile West of Quarryville, Pa. Off Rt. 372 onto Oak Bottom Road.

***Thursday Morning, April 22* 11:00 A.M.**

100 Head Registered And High Grade Holsteins Sells

55 Head of Registered and ID Sired Grades Selling For Mill-Berg Farm, John David and Mabel Witmer, of 434 Weavertown Road, Myerstown, Pa.

365 Day Rolling Herd 20,501m 3.6 732f
Sample of Animals Selling
#5 305 26,775 Sired by Mandingo
#31 305 26,313 Peaked 128 lbs. Sired by Command
#40 24,550 Milk Sired by Dixie Crat
#49 25,437 Milk Sired by Mandingo
Two maternal sisters sell from a Jet
Stream dam with over 135,000m

Complete milking herd dispersal of mostly all home raised cows for Thomas and Debra Galbreath, Peach Bottom, Pa. Many years of A.I. breeding with a lot of young cows in this herd with records to 24,000m.

365 day Rolling Herd 16,300m and 3.95 butterfat.

Also Selling:

A 14 month son of Meadow Springs Pietertje Haven. Dam VG Steady with 27,527m 1016f. Direct from the Dunloggin Breeding. Also 4 two year olds, including a Levi and a Henry. Dams and granddams to 200,000m.

Be sure and mark this date, if you need quality replacements for you herd.

Sale Managed By:

Shady Lane Dairy Sales Inc.
23 Shady Lane P.O. Box 673
Quarryville, Pa. 17566-0673

Glenn D Fite 717 786-2750 — **Fax 717 786-3250** — **David L Fite** 717 786-1725

"Six Generations Of Sales And Service"

16th Annual

PUBLIC AUCTION

of Feeder Cattle

Located seven miles south of Carlisle, PA on Route 11, or three and one-half miles north of I-81 at Newville Interchange on Route 11. Two miles east on Stone House Road.

Sat. Evening, May 1, 1993
at 7:00 p.m.

100 Head of Feeder Cattle 100

Consisting of beef type steers and heifers including Charolais, Hereford, Angus, Limousine Cross, Holstein steers and other good cross breeds.

Cattle are all home raised with good quality and weighing approximately 300 to 800 lbs.

CATTLE SOLD UNDER COVER • LOADING CHUTE AVAILABLE.

TERMS: Cash or approved check - Not responsible for accidents.

LEWIS R. FINK
269 Stone House Road
Carlisle, PA
Phone: 717-249-3224
Auctioneer: Robert C. Mullendore
AU000644L Boonsboro, MD
Phone: 301-582-0546
Clerk: C.L. Metz
LUNCH AVAILABLE

PUBLIC AUCTION

VALUABLE ANTIQUES, ONE HORSE SLEIGH, COLLECTIBLES & HOUSEHOLD GOODS

APRIL 26, 1993
3:00 P.M.

Located at the Brickerville Fire Hall Just off Rt. 322 West of Ephrata, PA.

FURNITURE: rare Pennsylvania native walnut dutch cupboard with rattail hinges, early kass with raised panels, walnut dropleaf table, cherry school masters desk, 1872 red mini blanket chest, old red one drawer stand, Aaron Wenger Manheim blanket chest, wood box end, blanket chest, rope beds, brass and iron bed, OAK AS FOLLOWS: sideboard, large bow glass china closet, washstand, table, round ext table, square ext. table (many leaves), set of six pressback chairs, stacking bookcase, slide door bookcase, high chair, treadle sewing machine, **VICTORIAN AND MAHOGANY:** Marble top dresser, cradle, lyre table, washstands, empire dresser, gingerbread bed, rocker, youth crib, empire sofa, **CHINA:** early Leeds blue and white coffee pot, Mayflower Syracuse service for 10, bowl & pitcher sets, china clock, windmill cookie jar, Theordore Haviland set of dishes, Johnson Bros. Raleigh partial set of dishes, lobster dish, pink lustre cups & saucers, Noritake dish, **POTTERY:** Harrisburg crock w/blue dec., Cowden and other crocks, majolica jardiniere, stoneware mugs, **GLASSWARE:** Heisey bowl, hens on nests, etched grape pattern water sets, glass baskets, salts, opalescent glass, blue satin bowl, nice lot of buckle & star pattern glass, **PRIMITIVES:** early brass candle holders, two small candle boxes, handmade toy tools, early step stool, butter print, taster spoon & fork, brass bucket, copper washboiler, copper teapot, iron butcher kettle, butter churn, **TEXTILES:** quilts, quilt patches, wall hanging, 1917 eagle crochet work, doll clothing, CHILDRENS THINGS: brass & iron crib, toys, games, doll, cast iron bank, Beck advertising chair, **AUTOMOBILE RELATED:** nice selection of Pa. license plates, flat head lamp lenses (one set ob.), **FARM RELATED:** buck saw, chopper original one red with yellow stencil work, one horse sleigh, tools, milk cans & others, **MISC:** agateware, lighting, Moravian star, pictures, Wallace Nutting print, "Tillie" book by Helen Martin, Uncle Tom's cabin book and other treasures from the attic, partial listing.

Auction for:
A.G. Long
Mr. & Mrs. B. Frank Eshleman

E.M. Murry Associates
10 S. Broad St
Lititz, PA 17543
Elmer Murry 626-2636
Richard Murry 626-8175
Ken Miller
Professional Auctioneers, Appraisers and Advisors
Since 1953
AU-00648-L

The Great North American

Draft Horse & Mule Auction

Bedford Co. Fairgrounds, Bedford, PA
FRI., APRIL 23, 1993
10:00 A.M.
Tack & Draft Horse Related Items

2 BIG DAYS!

Wagons, buggies, saddles, harness, cowboy memorabilia, farm primitives, horse-drawn implements, stock trailers & large miscellaneous. Friday Nite Chicken Bar-B-que • Country Western Entertainment & Dance!

SATURDAY, APRIL 24, 1993
10:00 A.M.
Draft Horses & Mules, Donkeys, Buggy Horses

Bring your own harness and prove your stock. Saddle horses sell last.

TERMS:
6% Commission on horses.
No Sale Fee: $20 per horse.
Stall Fee: $10 per stall.
10% Commission on harness, new equipment and good implements.
20% Commission on used tack and junk.
Cash or Certified funds only.
Plan to come early, stay late... and bring lots of money!

AUCTIONEERS
Jim Johnston, Paris, Mo.
816-327-4875

Paris E. Koser, Everett, Pa.
814-735-3300
FMI: Paris E. Koser • RR#2, Box 492 • Everett, PA 15537

HOLLY HILL FARM CORP.
Bowling Green, VA

PRODUCTION SALE

Saturday, May 8, 1993
11:00 a.m.

Culpeper Agricultural Enterprises, Inc.
Culpeper, VA
Selling 68 Lots
Including
Cow/Calf Pairs
Open & Bred Heifers
Service Age Bulls

Featuring the Get & Service of • LEACHMAN TONTO • SCOTCH GAP • PIERI (GDAR Rito 596 ET) • RITO 2100 GDAR • PARAMONT AMBUSH 2172 • GINGER HILL MOUNTAIN DEW 87 • P S SAS QUATCH 901 • GDAR GOLD NUGGET 766

HOLLY HILL FARM CORP.
Ken L. Whitlock, Manager
(804) 633-5931

COLEMAN Sales Inc.
Rt 4 Box 14
Scottsville VA 24590
(804) 286-2743
(804) 286-3620 Fax
VA AF 197

PUBLIC AUCTION
SATURDAY, APRIL 24, 1993
AT 9:00 A.M.

LOCATION: State Hill, Chester County, PA. Off Rt. 30 North on Rt. 10 approx. 3 miles to Sale on Left, or at Compass Turkey Hill. Take Rt. 10 South Approx. 4 miles to Sale.

TOOLS, AUTOMOBILES & PARTS
Contents of Local Body Shop:

Very Large Variety of Car Parts, Tail Light Assemblies, Grills, Hub Caps, Tires, Value Covers, Bumpers, Motors, Transmissions, Doors, Rims, & Much More, Lights, Torch Outfit, Jack Stands, Large Variety of Open & Box Wrenches, Bench Grinder, Mac Handled Allen Wrenches, Variety of Screw Drivers, Rigid Pipe Wrenches, Craftman Tools, Vises, 2 pc. Mechanics Tool Chest, Value Grinder, Air Hose, Complete Engines, 2 Manual Tire Changers, 2 Air Bumper Jacks, Variety of Air & Electric Body Tools, Spray Guns, Shop Manuals, Bolt Cutters, Chain Saw, Air Tank, Small Handbrake, Wheelbarrow, Small Sand Blaster, Sanding Disk, House Jack, Electric & Manual Chain Hoist, Parts Washer, Organizers, Large Variety of Hardware, Milk Cans; Dan Mig Mig Welder, Spot Welder, Weed Eaters, 10 Hp. Generator, Motor Lift & much more!

Vehicles: 42 Dodge Business Coupe, 65 Ford Van, 53 Buick, 48 Dodge Stake Body, 64 Ford Galaxie, 70 Ford Ranchero, 71 Ford Ranchero & Another for Parts, 42 Dodge Sedan, 56 Ford Sedan, 46 Pontiac, 46 Pontiac (no Title), 55 Ford Tow Truck, 76 & 78 Ford Truck, 76 Cabra Mustang, 76 Ford Torino, 82 Renualt (no Title), 65 Ford Tow Truck w/4 Wheel Drive, 83 Ford Ranger, 51 Buick (no Title), Coleman, Yamaha, Ski Doo, Wizard, Artic Cat Snowmobiles, All Vehicles Sold as is/where is & Years of Vehicle are approximate on some.

Metal Constructed Building Approx. 40'x60'.

Many Other Items, Too Numerous to Mention.

Terms: Cash or Approved Check
No out of State Checks

ESTATE OF JOHN S. MARTIN
Sale by: Joan Martin

Auctioneers
Kenneth Griest
Lic. #AU-001270-L
John Stoltzfus
Lic. #AU-001728-L

FOOD AVAILABLE
Not Responsible for Accidents

Green Dragon Livestock Sales
Located 1 Mi. N. On North State St., Ephrata
Sale Every Friday
11:00 A.M. Beef
7:00 P.M. Small Animal Sale.

200-300 Stocker & Feeders Every Friday. Regular Shippers Of Northern Cattle.

WALTER H. RISSER,
Prop.
Home 717-838-4318
Office 717-733-2444

ANNUAL SPRING GRASS CATTLE SALES

At
FRIEND'S STOCKYARD
ACCIDENT, MD 21520
½ MILE SOUTH OF KEYSERS RIDGE ON RT. 219
SATURDAY, APRIL 24TH
SATURDAY, MAY 8TH
SALES START AT 7 P.M.
We Will Accept All Types Of Cattle At Each Sale
Cattle Must Be In Stockyard By 5 P.M.
EITHER BUYING OR SELLING THESE WILL BE TWO SALES YOU WON'T WANT TO MISS!
For More Information or Hauling Call: 301-746-8178 or 301-895-3212

Dairy and Livestock Sales

Public Auction Register
Closing Date Monday 5:00 P.M. of each week's publication

OCTOBER

FRI. OCT. 1- Chester White & Spotted swine national sale - Harrisburg, Pa. Harry H. Bachman, auct.

FRI. OCT. 1 - 7PM, Feeder Cattle Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

SAT. OCT. 2, Real Estate, 12 Acres, House, Garage, Chicken House, Personal Property & Antiques. Located Along Route 897 Village Of Fivepointville. Owner, Edna Hollinger. Kline, Kreider, Good.

FRI. OCT. 8 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

FRI. OCT. 8 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

FRI OCT. 15 - 7PM, (Tentative). 33rd Annual Central Pa Co-Op Feeder Sale Located Belleville Livestock Market, Belleville, Pa For More Information Call, Eugene Glick.

SAT. OCT. 16 - Arnold's Hog Production Sale - Lebanon Area Fairgrounds. Harry H. Bachman, auct.

SAT. OCT. 16 - Harper Valley Hog production sale - Annville, Pa. Harry H. Bachman, auct.

FRI. OCT. 22 - 1:30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

CONSIGNMENT HORSE SALE
SPECIAL DRAFT HORSES & MULES

WELL MATCHED TEAMS
LOADS OF STANDARDBRED DRIVING HORSES
Also
RIDING & SLAUGHTER HORSES
SATURDAY, APRIL 24, 1993
10:00 A.M. Sharp
Tack To Be Sold At 8:30 A.M.

Keister's Middleburg Auction Sales, Inc. Rt. 555 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.

For information call: 717-922-1490 or 717-837-2222 or 717-523-0360

Keister's Middleburg Auction Sales, Inc.
Rt. 522 R.D. 3 Middleburg, PA

Owners,
DON & WALT KEISTER

Ray Long & Dave Imes, Auctioneers
Terms: Cash **Trucking Available** **Restaurant Open**

---

110 REGISTERED & GRADE HOLSTEINS

CATTLE EXCHANGE · STONEHURST FARM · DAIRY CLASSIC

HERD DISPERSAL

THURSDAY, APRIL 22 ** 11 AM
Intercourse, PA

FEATURING A COMPLETE HERD DISPERSAL FOR MILLER-HOMESTEAD HOLSTEINS
**** JAMES & KENNETH MILLER ****
Christiana, PA 717-529-2733

A herd that has sent young sires to AI! Recipient of the 25 year award from Atlantic Dairy Coop! A farm family that has been active in the Lancaster community and the Holstein Fraternity! James has decided to retire after 61 years!

**** 50 COWS ** 14 HEIFERS ** 1 BULL ****
**** HERD AVERAGE 17,642 MILK 632 FAT 557 PROTEIN ****
**** BAA 104.1% ** 1 EXCELLENT ** 14 VERY GOOD ** 16 GOOD PLUS ** MANY HAVE BEEN SHOWN SUCCESSFULLY AT THE LOCAL & COUNTY SHOWS!**

A uniform herd that has never been pushed! A number of young cows milking 70 to 100 lbs./day! Many due later this fall to build base on! Herd is Johannes Free!! Leadmans! Blackstars! Bells! Marks! Southwinds!

** A Few Of The Outstanding Consignments You Can Expect To See! ** Loads of Production! Fresh Cows Milking Over 100 Lbs/Day!**

* Lovdal Farms is sending a special group including a fresh Trifecta that made 2-06 316D 22,800M 769F 731P. Dam is VG-87 & Grdam is 2E-90-DOM! Also several yearlings & calves including 2 Tab dtrs born 7/92 from 20,000 lb. Dams!

*Robert Kauffman is sending 3 big bred heifers bred to Adan! Stardom! Raider!

* Knob-View Farms is sending a special group of fresh cows along with heifer calves all born in March! Show calves! A special Inspiration calf born March 1st!

* Joe & Ken Blank are sending 2 fancy March calves sired by Bova Glow & Wister! Again born to show!

* Charles Moore sends a really fancy fresh 4 yr. old!

* Bruce Kreider is sending a fresh 3 yr. old milking over 90 lbs/day!

* A fancy Aerostar sells due 6/93 to Cubby!

* A Cleitus Dtr sells springing to Trendy! Dam over 20,000 lbs.!

**** 3 SERVICE AGE BULLS WILL SELL! ****

*** A NUMBER OF FANCY CALVES! 10 DAYS TO 3 MO. OLD! ***

** All Cattle Are Pregnancy Checked, Tested For Interstate Shipment & Inoculated Against Shipping Fever! * Lunch Available * Trucking Available.

*** Sale held at the Ben K. Stoltzfus Farm located just East of Intercourse, Pa. on Rt. 340. ** Any Lancaster County Amish in need of a ride or assistance contact Don Welk below!! ** You will like this herd & sale!**

**** Take a break from field work! Make sure to attend this special herd dispersal & outstanding offering! Many happy buyers from past sales!**

Stonehurst Farm
1541 Lime Valley Road
Strasburg, PA 17579
Telephone: Don Welk- 717/687-7475
FAX 717/687-8824

The CATTLE EXCHANGE
Dave Rama RD 2 Box 79 Delhi NY 13753
Ph 607/746 2226 Fax 607/746 2911

SHORT NOTICE SALE
HORSES SOLD FIRST - HERD SOLD NEXT
Complete Holstein Milking Herd and Bred Heifer Dispersal for Fred and Evelyn Handel
Rawlinsville, Pa

To be held at Smoketown Quality Dairy Sales, Smoketown, PA. Rt. 340.

Friday, April 23, 1993 **8 p.m. D.S.T.**

All home raised & vacc. Bred and sired A.I. Fresh cows, summer cows and fall cows. This is a young herd with good udders. Average age is 3½ yrs. Herd has a 55 lb. average. Some cows milking 70 to 100 lbs. Fred has been a dairyman for 40 yrs. and is retiring due to health reasons. A few of the heavy milkers, just fresh 94 lb. fresh Jan 90 lb. - Fresh Feb. 86 lb. - Fresh Feb. 90 lb. - Due Oct. 66 lb. This herd was certified & accredited. Mow T.B. & Blood tested within 30 days. Innoculated.

One load of reg. and grade cows for Dave King

Fancy 2 yr. old Reg. Tong Dtr. Just Fresh
Dam VG 85 EX Mam 23,000 24,000 4.3% 1055f
Next dam - 2 records over 25,000 - 3.9% 1139f
Reg. Jet Stream - GP over 22,000 - 4.2%
Reg. Leadman Son Holstein Bull
Dam Sir-C-Valor 20,000 - 3.5%

1 Load of Reg. and Grade Canadian Cows - fresh and springing - 2-3-4- yr. olds. milking 60 to 80 lb.

Reg. Astro Jet.; Reg. Hanover Hill Classic-ET; Reg Hill Top Hanover Hugo - ET; 6 Short Bred Reg. Heifers; 2 Reg. A - Robthom Jackpot; Reg. Conant Acre Sexation - ET; Reg. a - Sterk P.L. Marv - ET; Reg. Micher - ET; Reg. Dimino - ET

CANADIAN HORSES TO BE SOLD BEFORE COW SALE AT 7:45 PM EDST

- Matched team, good work horses, 1 roan, 1 mare, 1 gelding weighing 1500 lbs. each. Ages 4 and 6 years old.
- Pair Belgian horses, geldings, weighing around 1600 lbs. each. Good work horses.
- 4 Standardbred horses, young and good.

Sale Managed By
SMOKETOWN QUALITY DAIRY SALES
Gordon & Helen Fritz
717-393-0930

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

FRI OCT. 22 & SAT. OCT 23, Prison Ministry Auction. Farmersville John D. Stauffer, Auct

SAT OCT 23 - Progress of Pen-Col 3rd Edition, Dennis Wolff, Millville, Pa. The Cattle Exchange.

WED. OCT. 27 - 11AM-Sale 9AM- Judging Dairy Show. Located At New Holland Sales Stables, Inc., New Holland, Pa.

NOVEMBER

FRI. NOV. 5 - 6PM, Fall Heifer Sale Located Belleville Livestock Market, Belleville, Pa. For More Information Call Eugene Glick

FRI. NOV 5 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa

FRI NOV. 12 - 1:30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

FRI. NOV. 26 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

FRI. NOV. 26 - 7PM, Feeder Cattle Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

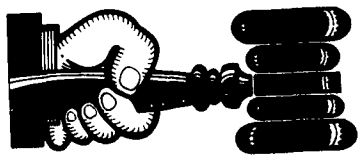
TUES. NOV. 30 - Nittany Lion Fall Classic - State College, Pa. Harry H. Bachman, auct.

DECEMBER

FRI. DEC. 10 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

SAT. DEC. 11 - Arnold's Hog production sale - Lebanon Area Fairgrounds, Harry H. Bachman, auct.

FRI. DEC. 31 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.



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Also Crippled & Down Cattle

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Quarryville, PA
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TOP PRICES FOR ALL TYPES OF CATTLE - Also Down & Crippled Cattle

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Easton, PA
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In NJ-Warren, Sussex And Hunterdon Counties

NOW IN NEW YORK - ORANGE COUNTY

In PA-Northampton, Bucks, Lehigh, Berks And Schuylkill Counties

★ All Cattle Paid On Hanging Dressed Weight

FEEDER CATTLE SALE
TUES. EVE.
APRIL 20
7:00 PM
WESTMINSTER LIVESTOCK AUCTION
410-848-9820

HAY SALE
Every Tues. at 12 Noon

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

C.W. SHIRK
Licensed & Bonded
Professional Auction Service
* Dairy Dispersals
* Real Estate
* Farm Equip. & HH Goods
Ephrata, PA
717-656-8793

Dairy and Livestock Sales

NEW HOLLAND SALES STABLES, INC.

New Holland, Pa.
Located 12 Miles East of Lancaster, just off Rt. 23

WEDNESDAY, APRIL 21, 1993
HEIFERS 11:00 A.M.
FRESH COWS & SPRINGERS 12:00 NOON

SEVERAL GROUPS OF OPEN AND BRED HEIFERS

1 LOT OF BREEDING AGE HEIFERS FROM 1 FARM

REGISTERED SPRINGING HEIFERS

SPECIAL CONSIGNMENT FOR LEROY SMUCKER

25 Head of Canadian Cows and Heifers.
7 Cows from 1 herd 3-6 yrs. old, records to 22,000M.
8 Cows from another herd (hand picked by LeRoy). These cows were not on test but have nice udders and a lot of potential. Balance of load are Registered and Grade fresh cows.

MARVIN ESHLEMAN- 1 load of cows from Franklin County. Fresh cows milking near 100 lbs. Some Purebreds.

NOTE: SPECIAL SATURDAY HEIFER SALE
MAY 1, 10:00 A.M.
500-600 HEIFERS

Sale Managed By
New Holland Sales Stables, Inc.
Barn 717-354-4341 Fax 355-0706
Norman & David Kolb, Mgrs. 61L
717-397-5538

HFA HORNING
Farm Agency, Inc.
REALTOR MLS
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AUCTIONEER
215-445-4309

ROGERS COMMUNITY AUCTION INC.

Located 8 Miles East Of Lisbon, Ohio Or One Mile West Of Rogers, Ohio On St. Rt. 154.

FRIDAYS

Produce, Egg, Miscellaneous Auction Starts At 6 P.M.
Poultry Auctions Start At 6 P.M.
Doors Open At 7:30 A.M.
To Accept Consignments
Open Air Market All Day And Evening

Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaries And 30,000 Sq. Ft. Under Roof.

WEDNESDAYS
Farm Machinery Consignment Auction

The 1ST WEDNESDAY EVENING OF EACH MONTH at 4 P.M. sharp.

We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simultaneously.

Hay And Straw Grain
EVERY WEDNESDAY
selling truck
load lots by the bale or ton
starting at 1 P.M.

Barn Opens at 8 A.M. to Consign
Jim and Ken Baer
Auctioneers and Managers
Phone (216) 227-3233 or (216) 227-3236
"Sales Every Week Since 1955"

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From the planning stage of your auction, to completion, it doesn't cost to use our auction service. It pays!

Auctioneer:
Steve
Steve Jr. **Petersheim:**

COMPLETE AUCTION SERVICE
Antiques
Household Goods
Farm Equipment
Real Estate
215-593-2828

FEEDER CATTLE SALE

THURSDAY EVENING, APRIL 29, 1993
6:30 P.M.

Located in Perry Co., approx. 3½ miles West of Dromgold's Corner, off Pa. Route 850 & 34 on Pisgah State Rd., West to Reiber's Church Rd., first farm past Reiber's Church.

Selling 83 Head Feeder Cattle
4 Heifers - 79 Steers

(Ranging in wt. from 300 to 800 lbs., av. wt. 400 to 500 lbs.) ALL WORMED AND DEHORNED-CLEAN, WELL-FED, TOP QUALITY CATTLE APPROX. ½ CATTLE SELLING ARE HOLSTEIN OR HOLSTEIN CROSS, BALANCE BEEF BREEDS-HEREFORDS, BLACK/WHITE FACE, CHAROLAIS, AND OTHERS.

(SALE MANAGER'S NOTE): Norman has put together a fancy group this year, as in the past - The Holsteins are the right kind - The Breeds are tall and big-boned cattle that are ready to take heavy feeding. Don't miss this Auction if you need some homegrown, acclimated feeders.

Owner: NORMAN (SON) BROWNAWELL
RD #1, Box 607, Shermansdale, PA (717) 582-2497
Sale Managed By: AUCTION SERVICE KLING'S
RD #1, Landisburg, Pa. License #500,
(717) 789-3883
I.D. Required for Bidder's No. Not responsible for accidents.

MELVIN KOLB, INC.

Lancaster, PA — Woodsboro, MD

Private Sales Daily — Public Auctions Monthly

350 Head Grade Fresh & Close Cows & Heifers
due April, May & June

125 Registered Cows & Heifers Close or Fresh...
Grade & Purebred Stock Bulls...

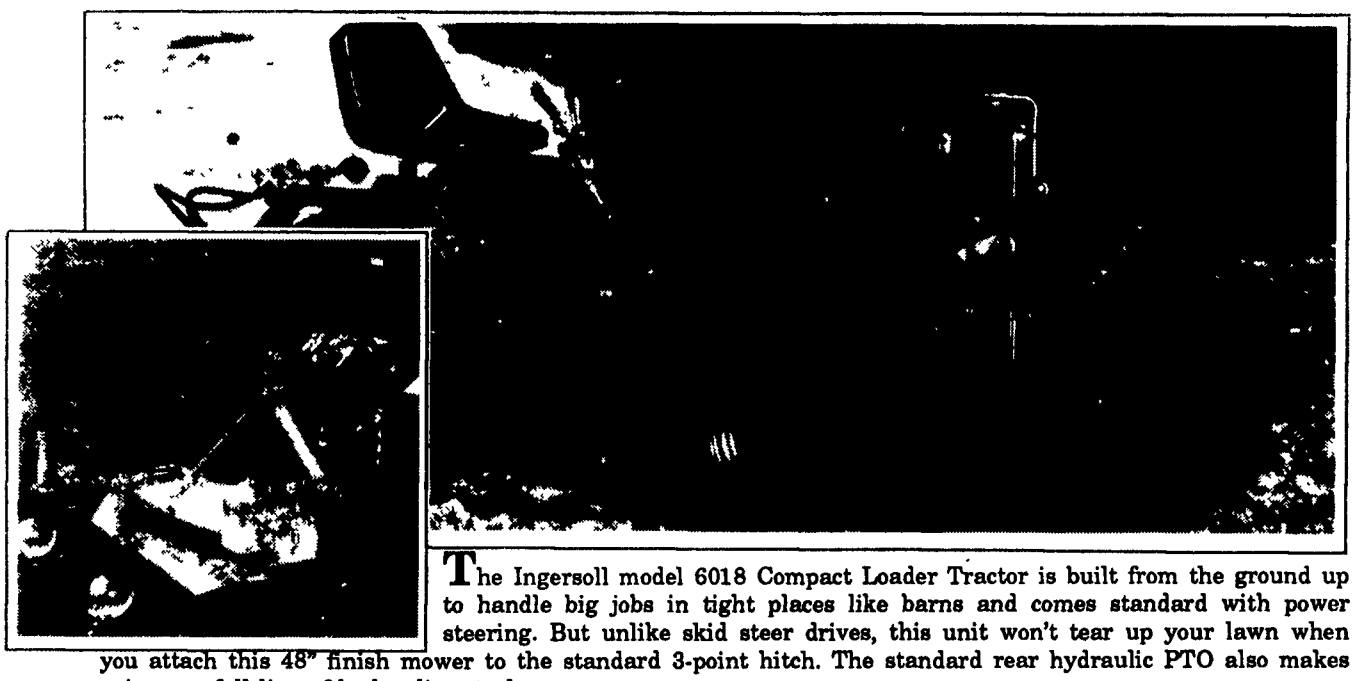
Just Received 150 Top Close And Fresh
Holstein Cows

Quality Holstein Herds For Sale
Grade & Registered — All Sizes

Next Public Auction	Next Public Auction
At Lancaster, PA FARM	At Woodsboro, MD FARM
Thurs. May 6, 1993 — 7:30 P.M.	Thurs. May 20, 1993 — 7:30 P.M.
Lancaster, PA Farm	Woodsboro, MD Farm
(717) 569-6800	(301) 898-7720
(717) 569-2106	(301) 898-7663

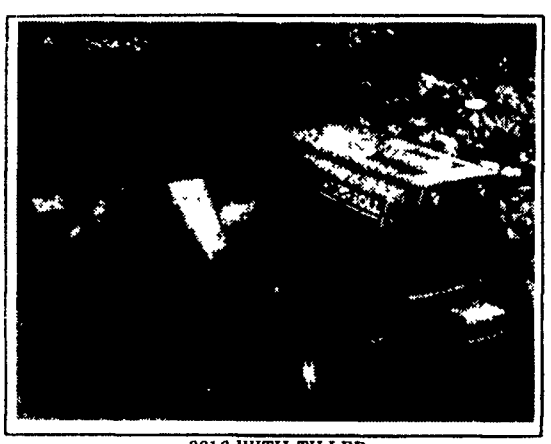
American made...

FOR THE AMERICAN SMALL FARMER

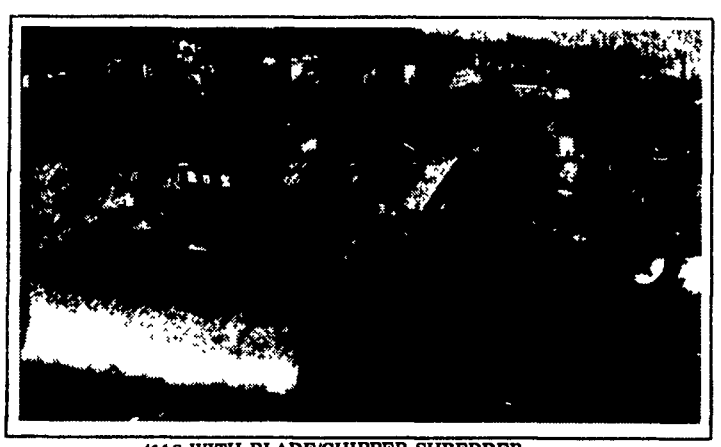


The Ingersoll model 6018 Compact Loader Tractor is built from the ground up to handle big jobs in tight places like barns and comes standard with power steering. But unlike skid steer drives, this unit won't tear up your lawn when you attach this 48" finish mower to the standard 3-point hitch. The standard rear hydraulic PTO also makes using our full line of hydraulic attachments a snap.

THE ONLY **LIFETIME WARRANTY** IN THE INDUSTRY



3016 WITH TILLER



4118 WITH BLADE/CHIPPER SHREDDER

All Ingersoll 3000 and 4000 series Garden Tractors feature HYDRIV™, a hydraulic drive system patented in 1965 and manufactured by J.I. Case until 1983 when Ingersoll acquired the product line and further enhanced it with state-of-the-art technology. Almost 30 years of reliable performance gives us the confidence to offer the TOP™ total Owner Protection Lifetime Warranty. Consult the dealer for specific TOP™ details.

Ingersoll offers the most complete line of time saving hydraulic attachments to tackle the tough chores on your small farm or ranch. Shown here is a Tiller and Chipper Shredder, but we also have Snowblowers, Brushcutters, Vacuums, Log Splitters and Mowers.

Contact your local dealer now and see why we say....Ingersoll is the tractor for a lifetime.

LIFETIME WARRANTY TOP Ingersoll

The Tractor of a Lifetime!

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A.L. Herr
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717-786-3521

Holtry's
Roxbury, Pa 17251
717-532-7261

Lawn Care of Pa.
Martindale, Pa. 17549
215-445-4541

R & W Equip. Co.
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Raffensberger's Svc. Ctr.
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814-629-6505

Zimmerman Farm Svc.
Bethel, Pa. 19507
717-933-4114

Anderson Tractor Sales
Shrewsbury, PA 17361
717-235-0213

MARYLAND

Anderson Tractor Sales
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410-592-7422
800-457-5705

Baers Garage Inc.
Hagerstown, Md. 21742
301-733-8226

Taneytown Farm & Hwd.
Taneytown, Md. 21787
410-751-1500

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609-358-2565

Mayberry Sales & Svc.
Port Murray, NJ 07865
908-689-3310

Van Fleets Mower Shop
Flemington, NJ 08822
908-782-2689

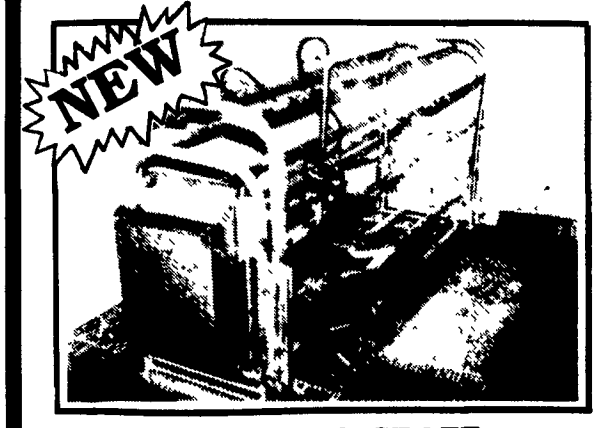
WEST VIRGINIA

Adams Eq. Co.
Ft. Ashby, W. Va. 26719
304-298-3726

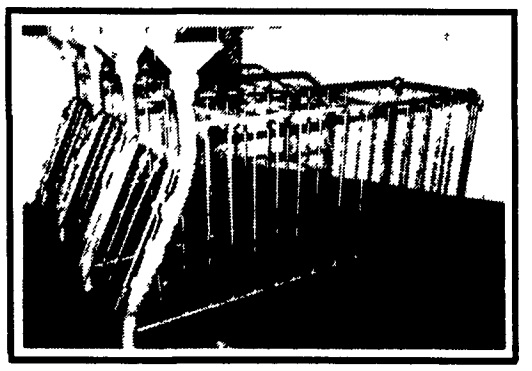
FARMER BOY AG INC.

Your Complete Swine and Poultry Equipment Center

HOG CONFINEMENT EQUIPMENT



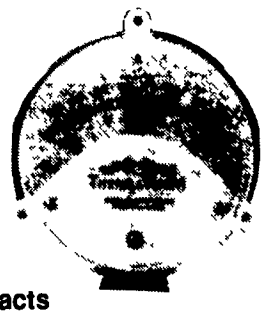
FARROWING CRATE
Adjustable Swing Side w/Pig Saver Bar



BREEDING/GESTATION STALLS

HORIZONTAL FENCING
Also Available: Vertical Fencing

THERM-ALARM III



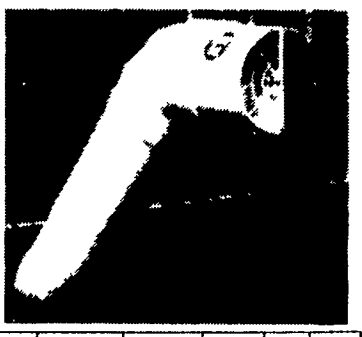
New Concept Alarm Thermometer

- Hermetically Sealed Contacts
- Easily Adjusted Set Hands
- Durable, Accurate, Reliable
- Quick Response To Temp. Changes
- Fully Guaranteed

QUANTEM SERIES 50

Temperature Modulating Fan Speed Control

PUMP OUT PIT FAN



FAN SIZE	FAN MODEL	MOTOR H P	PROP RPM	0	05
8"	POPF-8	1/15	3400	585	570
10"	POPF-10	1/6	3400	1155	1140

Introducing The New—

RENCO CORPORATION

PREG-TONE II PLUS

PREGNANCY TESTER

NEW– Louder Tone!

- ***SAFE*** *All testing done externally- No harm to sow or litter!*
- ***FAST*** *Test completed in seconds! Confirm pregnant or open in less then 30 seconds! (At 30 days)*
- ***ACCURATE*** *Accuracy proven by many Thousands of producers!*

NOW! *Optional Earphone Attachment Available!*

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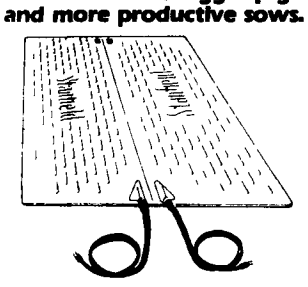

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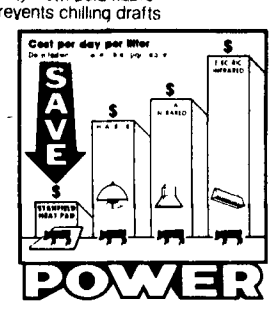

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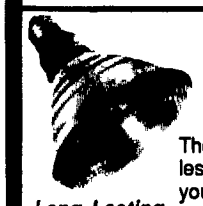

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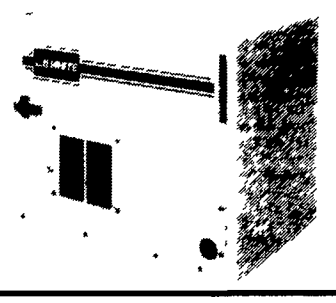

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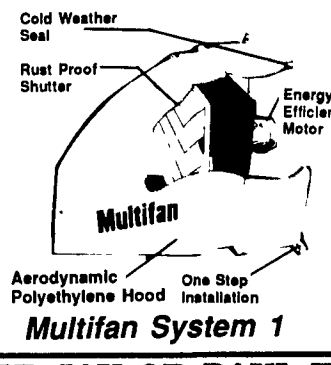

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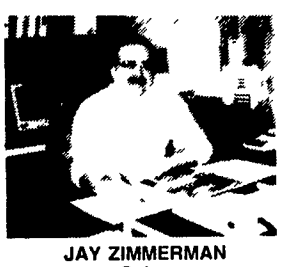

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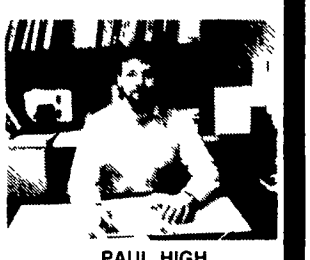

PAUL HIGH
Sales

4-17

Pa. Second In Nation For Farmland Protection

HARRISBURG (Dauphin Co.) — The Pennsylvania Agricultural Land Preservation Board approved a record number of easement purchases and helped Pennsylvania achieve second place in a national ranking of total acres protected from development.

The board approved easements for 26 farms in 15 counties. Including the land protected through a recent board meeting, Pennsylvania has permanently saved 32,246 acres of prime agricultural land.

"The farms reviewed at today's meeting included a 1,000-acre farm in York County, and the first farm approved for easement purchase in Snyder County," said State Agriculture Secretary and Board Chairman Boyd E. Wolff, who said that the action makes Pennsylvania second in the nation among efforts to save vanishing farmland. "Only Maryland has protected more acres than we have," he said.

Under Pennsylvania's program, counties use state and local funding to buy development rights to farmland. Farmers retain actual ownership of the land. The price of an easement is the difference in the value of the land as farmland or as a development parcel.

Farmers who accept payment for their development rights give up their rights to sell the land to developers, but they retain the land for farming and they retain the right to sell the land to other farmers, who would also be bound by the deed restriction that requires the land be kept available for agricultural purposes.

A breakdown of the properties — by county, owner, township, acreage, and purchase cost — follows:

• Adams — Calvin P. Bream, Hamiltonban Township, 144 acres, $196,848.

• Berks — Myers D. and Mable I. Adam, Perry and Maidencreek Townships, 132 acres, $264,000.

• Berks — Richard A. and Shirley A. Bailey, Richmond Township, 153 acres, $186,184.

• Chester — Cindy S. and Mark Bedwell, East Bradford Township, 56 acres, $279,010.

• Chester — C. Barclay and Diana C. Hoopes, New Garden Township, 56 acres, $380,546.

• Chester — Gideon and Anna Stoltzfus, Honey Brook Township, 127 acres, $442,849.

• Cumberland — Francis Mains and Kathryn Lemmon, West Pennsboro Township, 372 acres, $574,582.

• Cumberland — George A. and Shirley M. Stambaugh, Penn Township, 175 acres, $244,923.

• Cumberland — Richard D. and Mary Ellen Yeager, Penn Township, 134 acres, $245,025.

• Dauphin — Earl and Annabel Keefer, Upper Paxton Township, 99 acres, $121,544.

• Lancaster — Larry R. Weaver Farm #2, Earl Township, 39 acres, $146,517.

• Lebanon — Charles V. and Carl J. Bomgardner, North Annville Township, 98 acres, $156,000.

• Lebanon — Helen I. Deaven, Bethel Township, 131 acres, $208,000.

• Lehigh — W. Paul and Ruth K. Longacre, Lower Milford Township, 92 acres, $265,505.

• Lehigh — Daniel K. and Mildred C. Schantz, Lower Milford Township, 93 acres, $298,326.

• Lehigh — Forrest A. Jr. and Diana M. Wessner Farm #2, Heidelberg Township, 86 acres, $162,779.

• Lycoming — Eldon L. and Yvonne M. Metzger, Lycoming Township, 152 acres. $112,000.

• Mercer — Samuel J. and Mary E. Davis, Jefferson Township, 86 acres, $43,110.

• Monroe — Sterling D. and Pauline J. Borger, Eldred Township, 88 acres, $245,900.

• Monroe — Homer W. and Patricia A. Smith, Jackson Town-

(Turn to Page C3)

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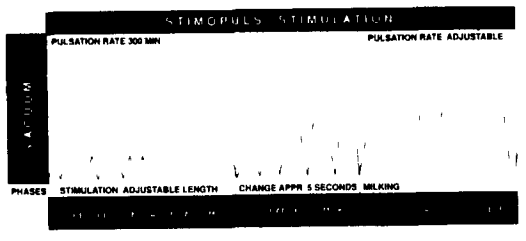
"To accomplish this, complete and consistent milkout is important for us. That's exactly what the Westfalia Stimopuls is doing for us.

"My brother Richard and I have been milking cows for 15 years. We have always had excellent production. When we installed the Stimopuls pulsators with our Westfalia milk meters, we experienced a very rewarding increase in milk production

"When we installed the Stimopuls, our production was 24,715 lbs. milk, 969 lbs. fat RHA. Today, four months into Stimopuls use, our production is 25,769 lbs. milk, 1,011 lbs. fat RHA We also shortened milking time by 30 minutes per shift with Stimopuls.

"We looked at other milk meters but the Westfalia proven automatic stimulation has the advantage the others do not offer."



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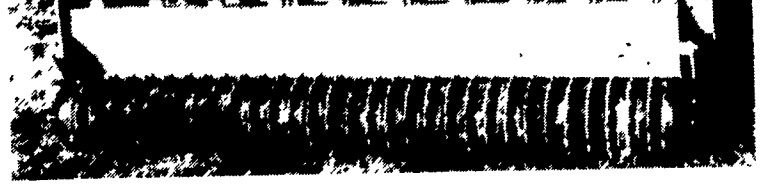

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Meat Processors Strengthen Support

UNIVERSITY PARK (Centre Co.) — Leaders of Pennsylvania's dynamic meat processing industry met recently at University Park to strengthen their support of Penn State's continuing efforts in the area of meat science. Several fronts of common interest surfaced in the day-long discussion, including a number of areas that the group identified for follow-up.

According to Stanley E. Curtis, head of the Department of Dairy and Animal Science, Penn State currently has the most complete meat science academic program in the Northeast. Curtis said, "The purpose of this coming together was to discuss Penn State's meat science research goals, which should coincide with those of the meat industry in Pennsylvania as well as the nation. With the support and cooperation of our state's meat industry, we can speak with one voice in seeking to obtain financial support from funding agencies and organizations at both state and national levels."

Following Curtis' welcome and a few opening remarks by James Starling, associate dean for the College of Agricultural Science administration, assistant professors William R. Henning and Edward W. Mills presented an overview of Penn State's meat science program, including major renovation of the Meats Laboratory, an expanded and upgraded undergraduate teaching program in meat science, efforts to strengthen research and graduate education in the areas of meat science and meat processing, and, continuing enhancement of the meats extension education program.

Before opening the morning's program to discussion, Curtis introduced Pennsylvania Beef Council Executive Director Dave Ivan, who briefed the group on the funding of meat science research by the National Live Stock and Meat Board through checkoff dollars. According to Ivan, more than $5 million are invested annually in meat science research projects across the country through producer checkoff dollars.

Following lunch, the group visited Penn State's Sensory Evaluation Laboratory, where they enjoyed the opportunity to sample and evaluate hot dogs. They were then transported across campus for a tour of the newly renovated Meats Laboratory. Both facilities are well-equipped to conduct a wide range of research projects on any fresh or processed meat product.

Curtis told the visitors, "We have been conducting research for a few companies interested in low-fat products. While these projects have held great potential significance to the meat industry, their scope has nonetheless been limited, and so far the results have been of most use to the companies funding the work. If we are to engage in more in-depth projects of potential benefit to the entire industry, we will need support from a wider base."

During the afternoon discussion session, the group identified areas that should be addressed for the benefit of the industry, including the need to define research needs and submit future grant proposals.

Curtis closed the day by thanking those who participated. "It is good to know that Pennsylvania's highly regarded meat industry is four-square behind us in our efforts," he said.

Farmland Protection

(Continued from Page C2)

ship, 79 acres, $219,944.

• Monroe — Katherine H. Kitchen (Trust), Hamilton Township, 39 acres, $50,700.

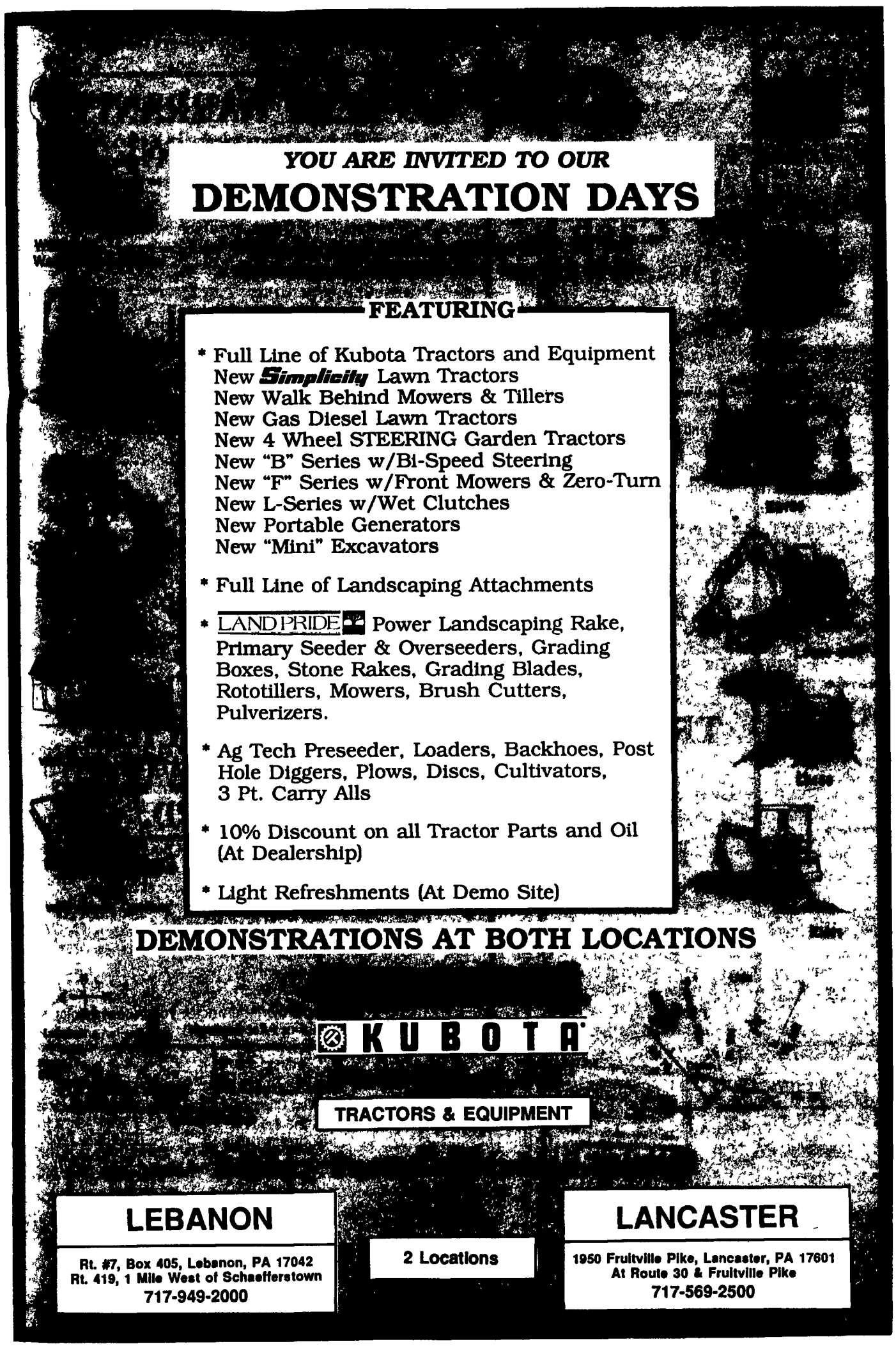
• Montgomery — L. Merrill and Martha H. Yoder, Franconia Township, 45 acres, $225,000.

• Snyder — Marvin L. and Ruth Ann Weaver, Middlecreek Township, 100 acres, $90,450.

• Wayne — Irmgard Schmidt, Preston Township, 237 acres, $208,400.

• Wayne — Joseph A. Jr. and Catherine E. Kelly, Mt. Pleasant Township, 250 acres, $293,750.

• York — Marsteller/Trout, Hopewell, North Hopewell, East Hopewell and Fawn Townships, 1,063 acres, $1,127,757.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Wa-Del Bull Enters Program

BARABOO, Wis. — A Holstein young sire bred by Rick L. Wadel, Shippensburg, has been chosen to enter Tri-State Breeder's, Baraboo and Westby, Wis. Progressive Action through Cooperative Efforts (PACE) program.

Based on his genetic merit, 14H 2104 Wa-Del Rambo Chet-ET*TL will be sampled through Tri-State Breeders young sire program. He is one of the 120 Holstein bulls Tri-State Breeders will release semen on during 1993. Semen on the bull will be randomly allocated to dairy producers participating in Tri-State's PACE program.

14H 2104 is a Applenotch Rotate Rambo*TL son out of an Excellent-90 Bis-May Tradition Cleitus*TL daughter. She has a cow index of +61P and +93F. At 2-00, she produced 20,832 3.9% 809 3.2% 677.

For more information on Tri-State's young sire program, call (800) 451-9275 from Wisconsin, Minnesota, and Iowa, or (800) 752-1097 from the rest of the United States.

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* 2300 Ditch Witch 4 Ft. Roller Boom - New Chain And Sprockets - Excellent Tires, Angle Blade S/N 380702..... $5,800
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Weather Delays N To Small Grains

WESTMINSTER, Md. — Heavy rains and snow in March have severely delayed application of the nitrogen on small grains. This, coupled with the fact that many wheat fields were planted later than usual last fall, has resulted in wheat fields that could have sharply reduced yields unless ample nitrogen is applied this spring.

According to David L. Greene, extension agent, agricultural science in Carroll County, some fields may not have the yield potential to receive large amounts of nitrogen fertilization. Each wheat field should be scouted to take stand counts to determine what levels of nitrogen are economically feasible. Of course, nitrogen applications should be made as soon as possible.

Greene suggests you use the following guidelines developed by Mark Alley, Virginia Tech, in deciding how much nitrogen should be applied to wheat:

For 30-40 tillers per square foot, which has a potential for 30-40 bushel wheat yield, apply 50 pounds of nitrogen per acre.

For 50-60 tillers per square foot (55-60 bushel wheat yield), apply 70 pounds of nitrogen per acre.

For 70 or more tillers per square foot (65 bushel wheat yield), apply 90 pounds of nitrogen per acre.

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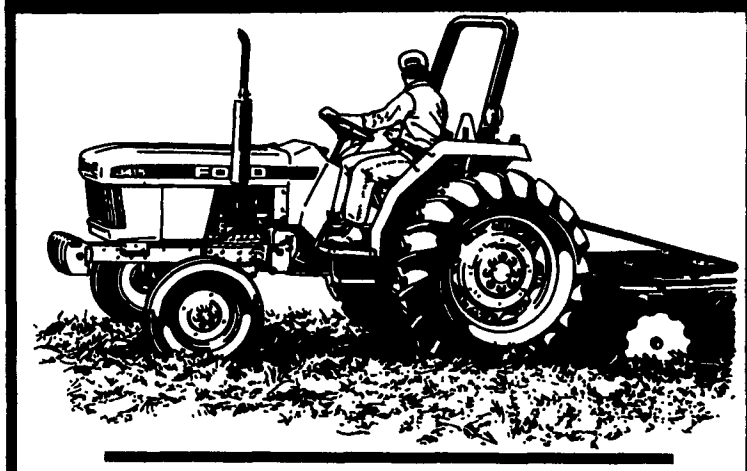

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Agrichemical Group Expands Collection Services

WAYNE, N.J. — One of the biggest challenges facing plastic pesticide container recycling programs has been finding a use for the materials after collection.

The Agricultural Container Research Council (ACRC), a group supported by 27 companies, has risen to that challenge by expanding its container collection service. The first step in this multi-year program has been to secure contractors to manage the containers after collection.

"We have selected two contractors to gather, granulate and arrange for final disposition of plastic from pesticide container collections in dozens of states," said Don Bradley, marketing manager for environmental strategies and delivery systems for American Cyanamid Company and vice chairman of the ACRC implementation committee.

The ACRC is offering the services of these contractors as an incentive to states who have been reluctant to sponsor pesticide container recycling programs. Already, the ACRC's program has helped initiate various pesticide container recycling programs across the country.

"We would not have been able to start our [recycling] program if the ACRC had not agreed to take the containers off our hand," said Tracy Spencer, executive director of the Kentucky Fertilizer and Agricultural Chemical Association. "They provided a grinder that went around the state to our collection sites. That was essential to our start-up."

According to Spencer, brochures on triple-rinsing and pressure-rinsing techniques were distributed during the first year of a pilot project in Kentucky. Volunteers in two counties collected about 10,000 plastic jugs. In 1992, more counties participated and collected 80,000 jugs.

"When you see success like that, you know it helps improve the public image of farmers," said Spencer. "It also shows the general public that farmers are genuinely concerned about the environment."

These concerns are shared by the agrichemical companies who are working with the ACRC to make this program a success.

"We want to keep farmers' options open," said Bradley. "Bulk and mini-bulk containers and water soluble packets like the ECO-PAK™ are key parts of the solution to pesticide container management problems. But we also believe that single-trip containers of products like PROWL®, SQUADRON®, and PURSUIT® PLUS herbicides fulfill a need for many growers. We want to make sure such containers remain available where needed."

At the outset, most of the plastics collected by ACRC will go to energy recovery projects, with the remainder being used for recycled plastic research.

"One day some of this material may be reborn as fence posts, parking lot curbs or new pesticide containers," said Bradley.

Early indications show that the ACRC's initiative will gain widespread support and spur the development of many recycling programs. As many as 30 states are expected to be operating plastic pesticide container collection programs in 1993. However, ensuring the success of a container recycling program requires enlisting the help of government, industry and individuals.

"States have to set up inspection and collection systems, and local government and trade organizations have to help, too," said Bradley. "They can tell farmers that, until triple-rinsed, pesticide containers are classified as hazardous waste material. However, *properly rinsed containers* are treated as solid waste and can be recycled. We all have to understand that an effort like this only works if everyone pitches in. This can't be something ACRC — or any one group — tackles all by itself."

For more information on the ACRC, call Denis Hayley, at (410) 757-9488.

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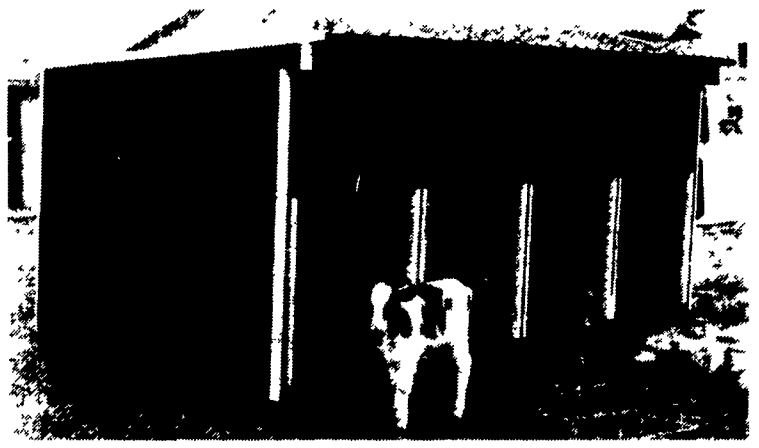
MIDDLE ATLANTIC MILK MARKETING ASSOCIATION, INC

CALF KENNELS



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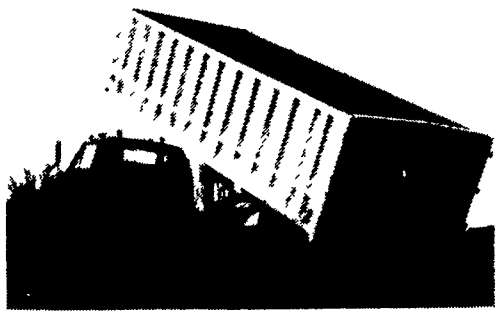
ALUMINUM GRAIN BODIES & ALUMINUM REPAIRS by Hewey LEBANON, PA.



These ultra-light bodies are designed for strength through engineering, not strength with bulk. For example, a 16' grain body with tailgate and 48" sides weighs only 1490 lbs. complete. We'll build you any length or any side height up to 60".

Also available:

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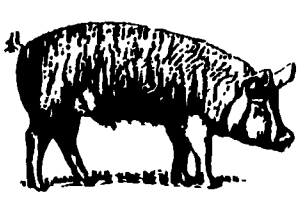
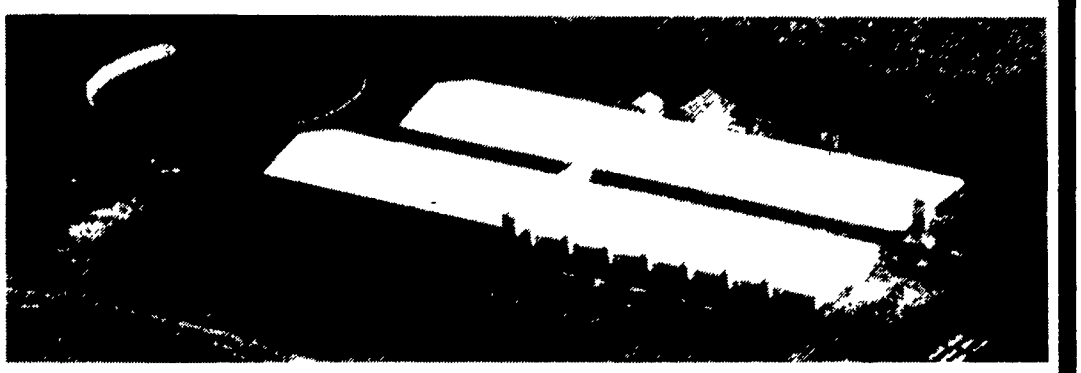


SALES SERVICE QUALITY INSTALLATION

SWINE - POULTRY - LIVESTOCK SYSTEMS



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Tri-County can assist you in planning a facility to meet your needs including cash flows, production contracts, financing, nutrient management planning and permits. We offer top quality at an affordable price.

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Business News

At 80 PTO horsepower, Kubota Tractor Corporation's new M8580 "mudder version" agricultural tractor boasts a 26-inch crop clearance, specially-equipped tires, and a full range of creep speeds.

Mudder Tackles Challenging Tasks

COMPTON, Calif.—Kubota Tractor Corporation's 80-PTO horsepower 4WD M8580 agricultural tractor is available in a "mudder version," delivering the power and traction needed to operate effectively in irrigated fields, mud, and soft soil.

Specially equipped tires deliver extra traction and handling, in addition to crop clearance of 26.6 inches. The M8580 mudder features a turning radius as tight as many two-wheel-drive tractors, and a full range of creep speeds to facilitate planting, seeding, tilling, harvesting, and spraying at extremely low working speeds.

For more information, contact Kubota Tractor Corporation, 550 West Artesia Blvd., Compton, CA 90220.

Stackability Improvements To Soybean Seed Bags

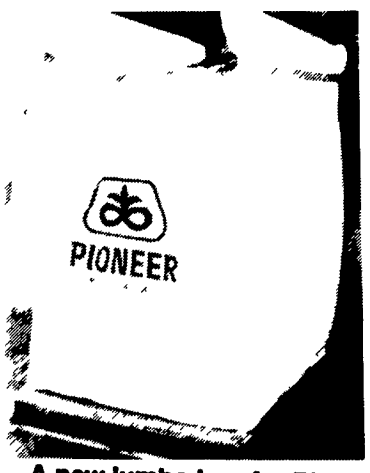
WEST DES MOINES, Iowa — Improved safety and "stackability" are benefits of newly designed jumbo soybean bags available this season from Pioneer Hi-Bred International, Inc.

The jumbo bags hold 2,500 pounds of premium Pioneer® brand soybean seed, the equivalent of fifty, 50-pound units, according to Dave Folkerts, soybean product manager for Pioneer.

Folkerts says the new bags are shorter, wider, more erect (dimensions are 37 inches x 49 inches x 54 inches) and feature corner baffles to facilitate shipping, handling, and stacking on pallets.

"We're also pleased that the new bags are much easier to open," Folkerts said. "We've used two 'B' closure locks at the bottom of the bag. Growers can use a hook to open the locks, eliminating the need to get under the bag."

The bags also are equipped with forklift sleeves and loops for easy handling or can be used with bulk cradles.



A new jumbo bag for Pioneer® brand bulk soybean seed offers improved safety and handling for growers who prefer the 2,500-pound containers. Each bag holds the equivalent of 50 typical seed bags.

For information about the availability of bulk soybean seed and the new bags in your area, contact your local Pioneer sales representative.

Loucks Attends Conference

YORK (York Co.) — Lester Loucks of Loucks Grain Equipment recently attended the MFS/York/Stormer 1993 National Sales Conference in Tucson, Ariz.

Loucks received updated information on the MFS and Stormor Grain Storage and York Material Handling line of equipment. Included were new product announcements, product improvements, and business management topics.

Loucks was presented with a "High Volume" Sales Awarded by MFS/York/Stormor for 1992 sales achievements. These awards are presented annually to the top volume dealers.

Deere Introduces Self-Propelled Harvesters

MOLINE, Ill. — John Deere has introduced a complete new line of four 6000 Series self-propelled forage harvesters to replace its 5730 and 5830 models.

The new 270-hp 6610, 330-hp 6710, 375-hp 6810, and 430-hp 6910 feature increased horsepower and harvesting capacity, a new "straight-through" harvesting system, automatic knife sharpening and stationary knife adjustment, large cab, and other performance advantages.

Power for the 6610 forage harvester is provided by a John Deere six-cylinder 7.6 L diesel. Deere's six-cylinder 10.1 L diesel powers the 6710 model. Both engines are turbocharged and air-to-air aftercooled for fuel-efficient operation. The two largest harvesters use a 14 L Cummins diesel that is turbocharged and liquid-to-air aftercooled. All of the engines feature a broad constant power range and high torque reserve to effectively handle tough harvesting conditions.

All models feature an infinitely variable hydrostatic drive coupled with a 3-speed transmission. Top speed is 15.5 mph.

The larger 175-square-inch feed opening, combined with the new wider and faster 48-knife, 1,000 rpm DURA-DRUM™ cutterhead, provides increased crop handling capacity. Material flows straight through the feedrolls, cutterhead, and the standard chute to the blower and spout. This continuous crop flow without sharp turns makes efficient use of power.

The upper rear feedroll pivots on a radial arc, which enables it to closely follow the radius of the cutterhead. This provides accurate metering for a uniform length of cut. Spiral flutes on the upper front feedroll assure continuous and smooth crop flow from the harvesting unit.

Three shift rods in the enclosed feedroll transmission permit fast, easy changes of four length-of-cut positions and two harvesting unit speeds without tools.

The feedroll assembly is hinged and swings open for easy access to the cutterhead, stationary knife, and rear feedrolls. An interlock switch prevents operation when the housing is open. An Iron-Gard™ metal detector in the bottom front feedroll helps protect the cutterhead and livestock from iron-based metal.

The 24-inch-diameter DURA-DRUM cutterhead is 26 inches wide and rotates faster than the cutterhead on the previous models. The enclosed drum minimizes crop carryover for efficient delivery and reduced power requirements. The 48 segmented knives deliver accurate, vertical cuts for high-capacity uniform cutting.

All four 6000 Series machines feature a Powr-Savr™ system for automatic knife sharpening and stationary knife adjustment. The operator activates the sharpening function with the Powr-Savr control panel located in the cab's overhead console. Reverse rotation of the cutterhead and vertical and horizontal stone movement are automatic. When the knives are sharpened and returned to their original factory bevel, reverse rotation of the cutterhead stops automatically.

When the operator activates the automatic stationary knife adjustment system, the cutterhead engages in reverse and electric motors on both adjusting rods alternate to move the stationary knife to the correct setting. A sensing system accurately controls the fore-and-aft adjustments to ensure precise clearance to the rotating knives. When adjustment is completed, reverse rotation of the cutterhead stops and an indicator light goes on to alert the operator. The adjustment can be done at any time except when in crop.

The John Deere 6910, rated at 430 hp, is one of four new 6000 Series self-propelled forage harvesters. The other models include the 270-hp 6610, 330-hp 6710, and 375-hp 6810. These machines feature increased power and harvesting capacity and the efficiency of a "straight-through" crop handling design.

Both knife sharpening and stationary knife adjustment can be done manually, if desired.

The high-capacity blower has four adjustable and reversible hardened-steel blades with sharp delivery edges to prevent wedging and reduce wear at the delivery point. The 1,800-rpm standard blower speed is recommended for corn and most other crops. A 2,050-rpm drive sheave, included on the machine, can be installed if more acceleration is needed in difficult haylage crops.

The center-mounted spout provides 180-degree rotation for loading to either side and to the rear of the machine. Double spout-cap deflectors round off the delivery arcs for smooth crop flow. A rocker switch on the operator's console adjusts the height of the spout for harvesting and transport.

The spacious cab provides virtually unobstructed visibility. The operator's seat with spring suspension adjusts for position and weight for a comfortable ride. An operator presence switch automatically stops the harvesting unit and feedrolls if the operator leaves the seat for five seconds with the harvesting functions engaged.

A comfortable passenger seat is provided as standard equipment. An optional cooler can be installed under this seat to keep food and beverages cool.

Control switches and monitors are conveniently located to enhance operator productivity. The machine operation control panel to the right of the operator contains switches for harvesting operations. A rocker switch on the armrest engages the feedrolls in forward, neutral, and reverse. The variable-ground-speed control lever contains switches for spout rotation and endcap position, harvesting unit lift, and emergency stop.

The right front corner post holds displays and gauges for monitoring various machine functions. It also houses the Info-Trak™ monitor, which provides digital information on ground speed, cutterhead speed, engine rpm, and engine and cutterhead working hours. Info-Trak also displays sharpening cycles, kernel processor roll clearance, and diagonstic codes to ease troubleshooting.

A number of options can be selected to equip the machines for a variety of jobs and conditions. For corn harvesting, an optional kernel processor has two heavy-steel rolls with sharp flutes that crack corn kernels for better digestibility. A choice of either manual or Powr-Savr automatic roll clearance adjustment is available.

For working in difficult, gummy crop conditions, a power chute with two powered rotors is available as an option to replace the standard chute and accelerate crop to the blower. A liquid applicator system is available from Harvest Tec, Inc., Hudson, Wis., for spraying water on forage to reduce crop gumming, or for applying acid preservatives or silage inoculants.

The power-rear-wheel-drive option supplies additional traction in adverse ground conditions. It can be engaged on-the-go to get through tough spots or for continuous, day-long operation.

Harvesting units for 6000 Series machines include a 7-foot windrow pickup (6610 and 6710 only), 3-meter commercial windrow pickup, row crop units for 3-row wide (6610 and 6710 only), 4-row narrow, 5-row wide, and 6-row narrow, and corn heads for 4-row wide, 5 36-inch rows, 6-row narrow, 6-row wide, and 8-row narrow.

Hydraulic harvesting unit flotation is controlled by a switch inside the cab. Once set, the system returns the harvesting unit to the proper operating height each time the unit is lowered.

The 6000 Series forage harvesters feature a Quik-Tatch™ mounting plate on the feedroll housing to make easy work of harvesting unit changes.

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We hear you.

From the beginning, Case International MAGNUM™ tractors were built with you in mind – they have everything you want in a tractor.

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And, we made sure that operating a MAGNUM for long hours at a time was comfortable. That there was maximum visibility. That the cab was roomier, cleaner, and quieter.

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Middletown, DE

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Top Pennsylvania DHIA Herds By County For March

The top producing herds in Pennsylvania for March 1993 are listed by county. They are as follows:

ADAMS

NAME	BR	NO COWS IN MILK	MILK LBS	3 X	FAT LBS	FAT PCT	PRO LBS	PRO PCT
ROBERT C HOFFMAN	3	25.8	23366	0	802	3.4	705	3.0
LEROY DEPUTY	B3	116.4	22036	0	831	3.8	684	3.1
MARK GIERON	3	25.8	21077	0	742	3.5	672	3.2
STONER DAIRY	G8	70.9	21248	0	795	3.7	671	3.2
PENN GATE FARM	3	80.2	20106	0	792	3.9	668	3.3
R+K CUNNINGHAM	B3	45.2	21210	0	896	4.2	662	3.1
JO JEN HESS	8	17.0	21212	0	792	3.7	659	3.1
BROWN VALLEY FARM	3	77.9	20598	0	827	4.0	656	3.2
ROY A WEANER JR	3	68.7	20586	0	789	3.8	654	3.2
RAY DUTTERER	G3	65.7	19993	0	751	3.8	649	3.2
WAY BRITE FARMS	B3	147.4	20209	0	796	3.9	640	3.2
KEHR ACRES	3	107.5	19618	0	742	3.8	634	3.2
M C + T DURBORAW	3	60.1	19238	0	760	4.0	634	3.3
JOBO HOLSTEIN FARM	B3	195.7	20213	0	744	3.7	632	3.1
JEFF+MARY KAY ROCHE	3	68.2	19352	0	658	3.4	632	3.3

ARMSTRONG

PAUL E WALKER JR	B3	75.1	22609	0	926	4.1	701	3.1
ROBERT F HINDMAN	B3	53.9	22079	0	809	3.7	690	3.1
MARK+DAVID CAMPBELL	3	62..	21295	0	787	3.7	674	3.2
HILLTOPHEAVEN	B3	52.5	20745	0	758	3.7	658	3.2
MAYPORT HILLS HOLST	3	49.6	19911	0	690	3.5	634	3.2
CARJA FARMS J STRATE	B3	36.9	19197	0	733	3.8	629	3.3
RON + BETH RUFFANER	3	34.5	20367	0	712	3.5	627	3.1
ROBERT E PATRICK JR	3	43.0	19548	0	739	3.8	618	3.2
TE & MARYJEAN GROOMS	B3	61.3	19828	0	719	3.6	617	3.1
HAROLD BOWSER + SONS	B3	64.3	18820	0	692	3.7	600	3.2
SCOTT BOWSER	B3	48.5	18912	0	670	3.5	597	3.2
OREN J CLAYPOOLE&SON	3	84.1	18039	0	668	3.7	589	3.3
LARA WILSON	3	26.9	18341	0	670	3.7	582	3.2
WILLIAM V PATTON	G3	50.5	18291	0	609	3.3	571	3.1
RAY CLAYPOOLE & SONS	3	89.0	17327	0	702	4.1	552	3.2

BEAVER

COUNTY HERD RHA SUMMARY REPORT FOR COUNTY: BEAVER

BONZO ONE-O-ONE HOLS	3	32.2	22757	0	899	4.0	727	3.2
W J & V J MC CHESNEY	3	32.0	22273	0	689	3.1	686	3.1
JOHN+WENDY COOPER	B3	87.4	20134	0	712	3.5	628	3.1
BROADRUN HOLSTEINS	B3	57.5	19748	0	666	3.4	614	3.1
JODIKINOS DAIRY FARM	B3	59.7	19223	0	758	3.9	611	3.2
RAY NYE	G3	61.9	19319	0	709	3.7	605	3.1
EKO PEAK HOLSTEINS	B3	60.8	18358	0	708	3.9	600	3.3
EDWARD GINGER PFLUGH	G3	94.7	18787	0	681	3.6	597	3.2
MILLER FAMILY DAIRY	G3	57.9	18309	0	654	3.6	591	3.2
ELDER VOGEL	3	57.2	17400	0	670	3.9	573	3.3
F KEITH NYE	3	80.5	17412	0	680	3.9	569	3.3
CRAIG FARMS	G3	80.1	17202	0	651	3.8	561	3.3
TEETS BROS	B3	64.2	17498	0	633	3.6	558	3.2
WESLEY DIEHL	B3	30.9	16806	0	649	3.9	522	3.1
GLENN+CAROL FOGEL	G3	78.6	16052	0	609	3 8	516	3.2

BEDFORD

STEVE + JERI RITCHEY	3	70.3	22829	0	908	4.0	729	3.2
MEADOW CREEK FARM	B3	174.5	22945	0	855	3.7	726	3.2
MARK + RAYMOND YODER	B3	50.2	22444	0	842	3.8	721	3.2
DANIEL L OVER	3	56.1	22675	0	840	3.7	713	3.1
PAUL & DAVID HELSEL	G3	117.8	22065	0	835	3.8	705	3.2
THE LITTLE PLACE	B3	37.9	21974	0	826	3.8	687	3.1
DUANE+LINDA BIDDLE	B3	44.2	21460	0	789	3.7	682	3.2
PAULDEN FARM	3	73.6	21888	0	761	3.5	680	3.1
JERRY L HERSHBERGER	B3	129.9	22048	0	860	3.9	679	3.1
ROGER R BRUMBAUGH	B3	44.2	21431	0	755	3.5	675	3.1
RUSSELL GUNTZ	B3	51.8	20180	0	772	3.8	672	3.3
JAMES + KARLA LEVY	B3	35.8	22046	0	803	3.6	671	3.0
KENNETH MOWRY	B3	337.7	20972	1	763	3.6	671	3.2
BEAVER CREEK FARMS	B3	34.6	21310	0	808	3.8	671	3.1

BERKS

HIDDENVIEW HOLSTEINS	3	72.7	25126	0	904	3.6	812	3.2
GLENN B GOCKLEY	B3	50.4	24977	0	763	3.1	806	3.2
GLENN BRUBAKER	3	72.4	23965	0	823	3.4	783	3.3
DAVIEW FARM	3	64.3	23782	0	832	3.5	774	3.3
JUNGE FARMS	3	90.8	23576	0	897	3.8	767	3.3
MERVIN BRUBAKER	3	72.0	24003	0	851	3.5	765	3.2
REU HEL FARMS INC	3	134.0	23844	0	837	3.5	763	3.2
HERB TOP FARMS	B3	50.7	23219	0	777	3.3	760	3.3
EARL R HAFER	B3	194.8	23386	0	800	3.4	752	3.2
GARY-MARTHA HEFFNER	B3	47.0	23569	0	811	3.4	742	3.1
RUSSELLDALE HOLS	B3	48.4	23152	0	856	3.7	734	3.2
ZAHNCROFT FARM	3	57.7	22678	0	817	3.6	734	3.2
D J S P SCHULER	3	112.5	23177	0	849	3.7	719	3.1
ALLEN P+MARY J GRUBE	B3	47.4	22295	0	808	3.6	713	3.2
FANTASYLANDHOLSTEINS	3	41.7	22472	0	814	3.6	712	3.2

BLAIR

FREDERICK FARMS	B3	87.8	26300	1	1075	4.1	820	3.1
THOMAS W KELLY	3	81.2	24349	0	915	3.8	770	3.2
JOSEPH S STAYDUHAR	B3	52.0	25399	0	921	3.6	762	3.0
DAVID NANCY BISHOP	G3	54.0	24398	0	907	3.7	754	3.1

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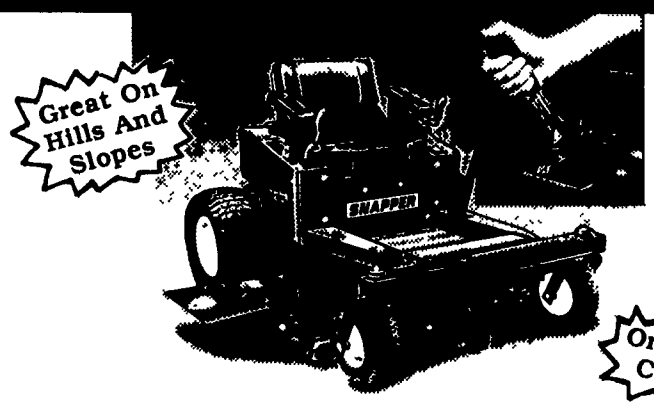
Easy Rider.



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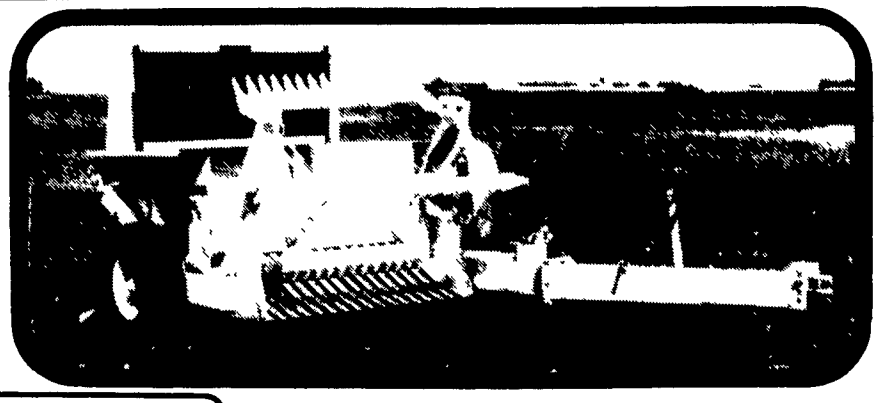
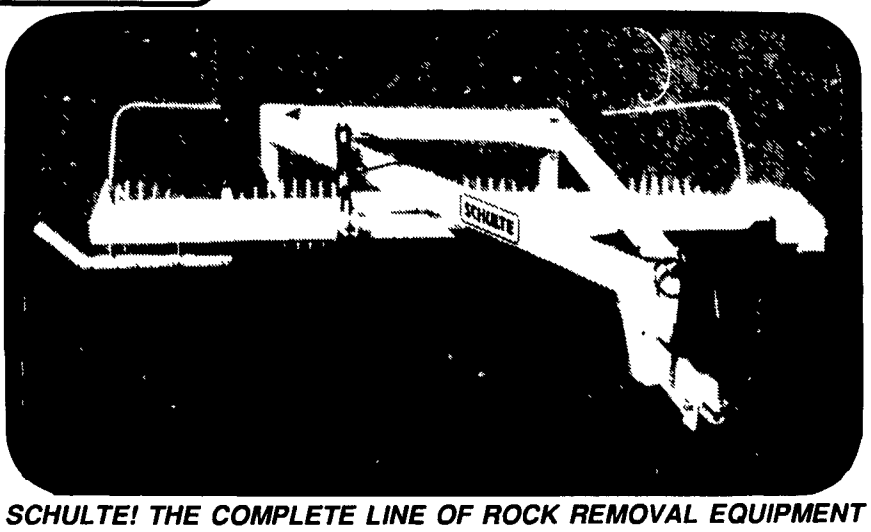
SCHULTE RS600 REEL TYPE ROCK PICKER



SCHULTE WR5 ROCK WINDROWER



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Top Pennsylvania DHIA Herds

(Continued from Page C8)

MIKE+CAROL HOOVER	B3	119.1	23388	0	922	3.9	735	3.1
EMILE DILLING	3	135.3	23467	0	881	3.8	721	3.1
BARNES BROTHERS	B3	101.5	22587	0	836	3.7	721	3.2
JERRY + JOAN BECHTEL	B3	47.3	22823	0	900	3.9	718	3.1
BURKET FALLS FARM	3	101.5	21698	0	849	3.9	716	3.3
COVE VIEW FARM	B3	90.2	21981	0	841	3.8	710	3.2
RODRICK&TRUDY HINISH	B3	125.5	22096	0	790	3.6	707	3.2
CROSS COUNTRY FARMS	B3	114.7	21579	0	797	3.7	706	3.3
MARCOVE FARM	3	80.4	22655	0	891	3.9	701	3.1
DENNIS+DOUG SMITH	3	93.5	22107	0	871	3.9	697	3.2
BRADLEY+JAMES BAKER	B3	121.9	21887	0	789	3.6	696	3.2

BRADFORD

ROB&DONNA VANBLARCOM	B3	77.3	27451	1	893	3.3	855	3.1
SCOT LYN DAIRY	B3	43.1	26487	1	987	3.7	839	3.2
MATT WILL B&W	3	64.3	24515	1	857	3.5	788	3.2
MILFORD KINSMAN&SON	3	101.6	24059	0	959	4.0	781	3.2
BRAUND VALLEY FARMS	3	100.4	24362	0	878	3.6	777	3.2
BEN & DEAN JACKSON	3	78.4	23536	0	891	3.8	753	3.2
GLEN & ARLEN LANDIS	3	85.7	23496	1	786	3.3	749	3.2
RON + CATHY KITTLE	B3	43.5	23064	0	806	3.5	740	3.2
DICK+WILBER WHEELER	3	63.4	22518	0	834	3.7	738	3.3
PAT & PAM SALERNO	3	51.6	23291	0	793	3.4	730	3.1
BROWNCROFT FARM	3	31.6	23268	0	984	4.2	722	3.1
MARSHALL M WATKINS	B3	111.0	22273	0	776	3.5	718	3.2
MATT WILL R&W	B9	19.6	22194	1	816	3.7	716	3.2
ROGER + CATHY BROWN	B3	73.4	22348	0	827	3.7	709	3.2
LARRY W NICHOLS	B3	38.6	21187	0	787	3.7	709	3.3

BUCKS

DELAWARE VAL COLLEGE	3	35.8	26796	0	1007	3.8	886	3.3
R GALEN LEATHERMAN	B3	39.1	23550	1	894	3.8	749	3.2
DAVID&SHARON BISHOP	3	106.8	23253	0	805	3.5	739	3.2
JOE & LINDA FORD	B3	48.4	22435	0	784	3.5	722	3.2
CROOKED ACRES DAIRY	3	56.0	22296	0	788	3.5	704	3.2
DONALD&BRUCE CROUSE	B3	73.4	21041	0	769	3.7	699	3.3
PROMISE LAND DAIRY	B3	74.1	20589	0	652	3.2	680	3.3
DELAWARE VAL COLLEGE	1	10.9	20578	0	793	3.9	680	3.3
DAVID W WURSTER	B3	76.7	21273	1	782	3.7	678	3.2
JAMES PAVLICA	3	53.6	20704	0	749	3.6	655	3.2
KEVIN & CINDY BISHOP	B3	66.1	21247	0	704	3.3	655	3.1
JOSEPH FLECK	G3	54.7	20850	0	706	3.4	655	3.1
JOSEPH M PETERS	3	31.5	20565	0	733	3.6	651	3.2
HAROLD-TOM HALDEMAN	3	90.8	19958	0	768	3.8	647	3.2

BUTLER

RALPH S THROWER	3	71.0	23318	0	713	3.1	749	3.2
FRITZ FARM	B3	40.4	23392	0	832	3.6	727	3.1
JOE LANGE	G3	52.2	22219	0	795	3.6	718	3.2
WADE&BRADLEY COOPER	3	34.0	22282	0	831	3.7	708	3.2
RICK + LINDA STUCHAL	B3	30.8	22137	0	768	3.5	691	3.1
DALE + PAULA WACK	B3	38.6	20883	0	780	3.7	689	3.3
ALBERT HOGG & SONS	3	45.7	20833	0	776	3.7	683	3.3
MARBURGER FARM DAIRY	B3	101.4	21839	0	806	3.7	680	3.1
JEROME B PIROCH	B8	46.4	21021	0	791	3.8	678	3.2
RITA KENNEDY	B3	14.1	20290	0	756	3.7	669	3.3
NORMAN H GRAHAM	3	41.9	21723	0	767	3.5	668	3.1
HARTZELL FARM	B3	81.7	21343	0	737	3.5	651	3.1
DROVERS INN	B3	78.1	20941	0	735	3.5	651	3.1
ROY C SIMPSON + SONS	B3	38.3	19858	0	711	3.6	645	3.3
SMITH BROS	G3	39.1	20591	0	714	3.5	642	3.1

CAMBRIA

JAMES HARTEIS	3	79.7	24529	1	916	3.7	770	3.1
STRITTMATTER DAIRY	B3	149.6	21843	0	782	3.6	698	3.2
BRENT LOMMASTER	B3	88.0	21780	0	736	3.4	688	3.2
LARRY C BAKER	B3	82.4	21734	1	799	3.7	658	3.0
RALPH J LIEB	B3	57.2	20388	0	691	3.4	655	3.2
VALEWOOD DAIRY	3	145.0	20012	0	822	4.1	648	3.2
EDWARD HOGUE	G3	66.5	19960	0	778	3.9	643	3.2
DAVID MYERS	3	112.2	20827	0	791	3.8	637	3.1
RON HOOVER	G3	52.9	19265	0	798	4.1	631	3.3
MARTIN SHERRY	G3	93.0	19159	0	734	3.8	613	3.2
EDWARD MC MULLEN	B8	38.2	18863	0	713	3.8	589	3.1
CLETUS BORLIE	G3	53.0	17311	0	687	4.0	558	3.2
ROBERT GOBRECHT	B3	36.2	17140	0	584	3.4	534	3.1
DIVIDING RIDGE FARM	G3	56.3	15427	0	587	3.8	482	3.1
TOM MARHEFKA	B3	32.5	14620	0	557	3.8	461	3.2

CAMERON

TRINCA FARM	B3	62.0	24949	0	925	3.7	788	3.2
GRAHAMS FARM	3	101.0	24418	0	871	3.6	780	3.2
BILL +JENNIE STRUBLE	B3	33.6	24143	0	827	3.4	759	3.1
JAY HOUSER	3	73.0	24056	0	939	3.9	755	3.1
VALLEYS END FARM	B3	60.3	24053	0	833	3.5	755	3.1
VALLEY WIDE FARM	3	87.7	23526	0	892	3.8	731	3.1
JACOBIII+SALLY TANIS	3	89.2	22610	0	838	3.7	728	3.2
STRINGERS SAND RIDGE	3	70.1	22402	0	853	3.8	727	3.2
RICK HOMAN	B3	68.1	22642	0	786	3.5	720	3.2
DAVE + SARA MARTIN	B3	53.7	22557	1	830	3.7	713	3.2
CARL R GATES	3	42.0	22298	0	812	3.6	713	3.2
ORE BANK ACRES	G3	94.9	21767	0	805	3.7	712	3.3
GEMI FELTENBERGER	G3	49.8	22539	0	791	3.5	709	3.1
TOM AND LORI HARTLE	3	71.8	22357	0	886	4.0	700	3.1
DAN+PENNY ULMER	3	72.2	21800	0	843	3.9	698	3.2

CHESTER

MELWOOD FARM	3	43.9	26882	0	1056	3.9	889	3.3
MARILYN+DUANEHERSHEY	3	72.4	25055	0	892	3.6	807	3.2
CHARLES J MOORE	G3	46.8	26286	1	781	3.0	801	3.0
DUNWOOD FARM	3	57.5	23970	0	954	4.0	781	3.3
CHRIS&CHES STOLTZFUS	3	60.5	23817	0	885	3.7	755	3.2
JOSEPH +SANDRA LUSBY	3	60.2	23626	0	900	3.8	748	3.2
TIM+PHYLLIS BARLOW	3	91.4	23545	0	846	3.6	741	3.1
RICHARD HOOVER	3	59.4	22080	0	851	3.9	733	3.3
BRECK-A-DE FARM	3	84.4	22389	0	842	3.8	721	3.2

(Turn to Page C10)

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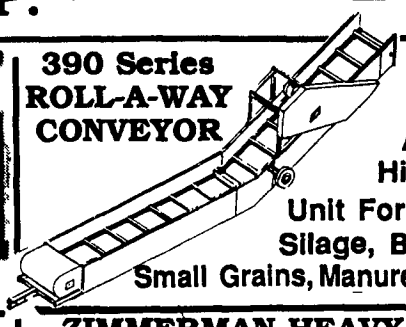

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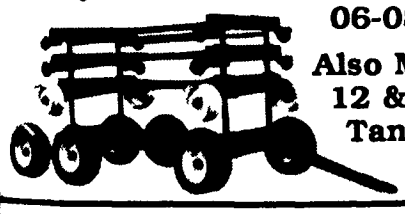

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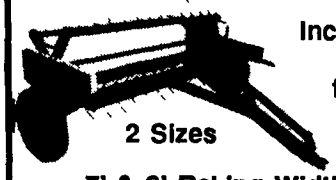

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Top Pennsylvania DHIA Herds

(Continued from Page C9)

DALE HOSTETTER	3	51.3	22757	0	892	3.9	718	3.2
I LAMAR HORST	B3	68.7	21908	0	800	3.7	714	3.3
BENJAMIN K KAUFFMAN	B3	46.9	22543	0	819	3.6	710	3.2
KEN+MARILYN UMBLE	3	65.4	22283	0	847	3.8	704	3.2
RICHARD HOSTETTER	3	40.7	22129	0	820	3.7	703	3.2
J HAROLD BARE	3	71.8	22079	0	821	3.7	700	3.2

CLARION

KEITH E DECKER	3	56.7	23592	0	951	4.0	787	3.3
LLO-TIM ACRES	3	46.0	22277	0	885	4.0	701	3.1
NELSON E SMITH	B3	50.0	21300	0	752	3.5	680	3.2
GENE PESENMYER	G3	28.2	21268	0	773	3.6	678	3.2
FROSTBURG FARMS	B3	55.3	21289	0	768	3.6	672	3.2
RAY KARL	G3	46.6	20734	0	754	3.6	659	3.2
SANDY RIDGE FARMS	B3	64.4	20553	0	754	3.7	656	3.2
JOHN HENRY	B3	89.5	20475	0	755	3.7	639	3.1
ROBERT-LANE BYERS	B3	40.4	18911	0	704	3.7	614	3.2
SOLID GOLD HOLSTEINS	B3	68.5	19341	1	723	3.7	611	3.2
BASHLINES DAIRY	B3	67.0	19501	1	674	3.5	605	3.1
FABER MANOR FARMS	3	97.6	18766	0	701	3.7	599	3.2
PINE GLEN FARMS	G3	49.1	17587	0	609	3.5	561	3.2
MARTIN WHITMORE	G3	62.5	17043	0	663	3.9	557	3.3
CHAMPION FARMS	B3	35.0	17012	0	624	3.7	542	3.2

CLEARFIELD

R WRIGLESWORTH & SON	B3	56.9	22697	0	843	3.7	717	3.2
HICKS DAIRY FARM	B3	68.6	21983	0	827	3.8	709	3.2
SANKEYCREST FARMS	B3	21.3	20052	0	699	3.5	669	3.3
BUNDY FARMS	B3	68.1	19973	0	652	3.3	655	3.3
CARL G BRINK + SONS	B3	72.0	20145	0	691	3.4	647	3.2
ORNER FARMS INC	B3	80.1	20511	0	778	3.8	624	3.0
CURT YAPLE	B3	53.0	19059	0	617	3.2	607	3.2
DENNIS PETERS	B3	30.5	18782	0	643	3.4	590	3.1
PRISELAC DAIRY FARM	G3	85.9	18705	0	633	3.4	580	3.1
BUNDY FARMS	4	10.4	14883	0	653	4.4	566	3.8
DETRICKS FARM	G3	31.5	17548	0	661	3.8	548	3.1
C HARKLEROAD JR	G3	39.2	16849	0	615	3.7	537	3.2
DENNIS J MODZEL	3	25.4	17011	0	578	3.4	535	3.1
JOHN SANKEY	B3	35.6	18014	0	641	3.6	534	3.0
HUGHES FARM	B3	27.2	15461	0	573	3.7	527	3.4

CLINTON

PAUL L COURTER	3	73.1	22709	0	793	3.5	717	3.2
RONALD H MEYER	B3	123.9	21578	0	789	3.7	688	3.2
KEITH AND BEN CARSON	B3	70.5	21186	0	729	3.4	661	3.1
ROBERT BILLMAN	G3	27.7	20118	0	757	3.8	626	3.1
DEAN&BRENDA DAUBERT	5	62.5	16905	0	648	3.8	599	3.5
BLAIR&ELAINE COURTER	3	49.8	17867	0	646	3.6	572	3.2
ROLAND L IRVIN	B3	54.4	17196	0	668	3.9	568	3.3
HAROLD D MOORE	B3	65.0	17353	0	678	3.9	550	3.2
ED+JACKIE SEYLER	G3	55.6	17606	0	620	3.5	543	3.1
TONY CAROLINE GRAINE	3	30.2	16843	0	616	3.7	525	3.1
GEORGE & FAY COURTER	3	31.0	16426	0	607	3.7	524	3.2
RIDGE VIEW FARM	1	65.1	15180	0	615	4.1	501	3.3
DAVID SNOOK	B3	48.2	15526	0	551	3.5	475	3.1
RON+BONNIE BECK	B8	50.9	12414	0	584	4.7	467	3.8
DALE + SUSAN JOHNSON	G3	35.8	11932	0	420	3.5	357	3.0

COLUMBIA

JAN JURBALA	B3	35.3	22429	0	837	3.7	789	3.5
RICHARD KRIEBEL	B3	64.4	23369	0	809	3.5	772	3.3
HUNTER CREST FARM	3	69.3	22919	0	813	3.5	754	3.3
DUANE E SHUMAN	B3	36.3	21380	0	725	3.4	719	3.4
VALLEY STREAM FARM	B3	71.2	21603	0	775	3.6	687	3.2
JOHN W TUROFSKI	G3	33.0	21065	0	850	4.0	684	3.2
LYONS DEN DAIRY	B3	143.9	20658	0	720	3.5	679	3.3
J ROBERT BOOK	G3	57.0	21018	0	788	3.7	665	3.2
SHULTZ BROS	3	67.3	20056	0	818	4.1	664	3.3
CARL R STACKHOUSE	B3	43.0	18693	0	606	3.2	605	3.2
CRAIG FESTER	B3	35.1	17788	0	679	3.8	589	3.3
JOHN STEMRICH	B3	29.4	17775	0	683	3.8	587	3.3
ROBBINS FARMS	B3	276.3	17584	0	627	3.6	576	3.3
JAMES L KLINE	B3	33.8	17773	0	619	3.5	551	3.1

CRAWFORD

WIL-AIRE FARM	3	64.3	24658	1	826	3.3	773	3.1
BLACK POND FARMS	3	92.9	24570	0	982	4.0	769	3.1
LINZ FARMS	3	37.7	24912	0	975	3.9	768	3.1
MORRELL FARMS	3	102.5	22537	1	866	3.8	725	3.2
ELAINE A. DUNCAN	B3	33.1	22376	1	778	3.5	713	3.2
MARK + CHRIS CORNELL	B3	39.8	22387	0	788	3.5	704	3.1
DAVID M NAUGLE	3	18.1	22139	0	850	3.8	701	3.2
JAMES + JANET HUNTER	3	29.1	22291	1	775	3.5	701	3.1
A & B DAIRY FARM	G3	70.5	21914	0	812	3.7	680	3.1
DENNIS B HALFAST	3	44.7	21711	0	829	3.8	680	3.1
ALAN & RHONA CUSTEAD	B3	84.4	20618	0	730	3.5	678	3.3
O-DARLAN FARM	B3	42.8	21703	0	829	3.8	672	3.1
ALRIGHT FARMS	3	57.1	21784	1	820	3.8	672	3.1
RICHARD L BLACK	3	64.6	21514	0	853	4.0	671	3.1
BANCROFT FARMS	B3	114.9	21062	1	730	3.5	668	3.2

CUMBERLAND

M THOMAS SHEAFFER	3	61.1	24263	0	911	3.8	792	3.3
STEVE + MARY REESE	3	31.9	22789	0	814	3.6	748	3.3
J PAUL STROCK	3	113.5	23252	0	879	3.8	730	3.1
CURTIS + ANN DAY	3	53.9	22315	0	844	3.8	718	3.2
MARK A NAUGLE	3	56.5	22250	0	831	3.7	708	3.2
HAROLD E MYERS	B3	64.2	21547	0	785	3.6	697	3.2
GLENN W MYERS	B3	58.0	21984	0	774	3.5	685	3.1
GLENN NEWSWANGER	G3	85.2	21117	0	796	3.8	681	3.2
AL HART HOLSTEINS	3	57.2	21355	0	782	3.7	679	3.2
HIGHLAND VUE FARMS	B3	67.9	20423	0	793	3.9	678	3.3
DONALD A MCCULLOUGH	B3	105.2	20598	0	829	4.0	678	3.3
DAVID E GETTLE	B3	46.0	21188	0	837	3.9	677	3.2
ROY E SNOKE	3	37.9	21299	0	817	3.8	677	3.2
LONNI A WICKARD	B3	45.4	21322	0	758	3.6	673	3.2
HARRY E THOMPSON	3	49.4	20990	0	819	3.9	668	3.2

DAUPHIN

MY-FAVORITE HOLS	3	54.6	23852	1	823	3.5	750	3.1
CRISSINGER DAIRY FRM	B3	89.6	22118	0	782	3.5	716	3.2
CATALPA FARMS	3	135.4	22382	0	809	3.6	711	3.2
RESTFUL ACRES	3	119.6	21770	0	861	4.0	690	3.2
TOBY T FARM	B3	55.6	22423	1	812	3.6	684	3.0
ALWINE FARMS	B3	80.8	20859	0	812	3.9	673	3.2
MAHLON L LEHMAN	3	66.4	20777	0	750	3.6	668	3.2
STANLEY R LONG	B3	130.7	21187	0	776	3.7	668	3.2
ELWILLO FARMS	B3	191.2	21314	0	778	3.6	665	3.1
JOHN HERTZLER	3	70.4	20065	0	770	3.8	656	3.3
IRVIN G MARTIN	G3	39.7	20744	0	781	3.8	646	3.1
DELMAR+ SUSAN WEAVER	B3	73.6	20758	0	771	3.7	645	3.1
DALE F FAUST	B8	55.3	19612	0	696	3.6	643	3.3
PLEASANT HILL FARMS	B3	72.6	20398	0	769	3.8	637	3.1
GREAT VIEW FARM	B3	41.3	19534	0	714	3.7	635	3.3

ELK

PAUL SWANSON	B3	26.7	18559	1	704	3.8	598	3.2
V BELL FARMS	B3	62.9	18695	0	703	3.8	589	3.2
RONALD BUERK	G8	25.2	15898	0	614	3.9	525	3.3
FRED W GREGORY	3	38.2	15883	0	577	3.6	498	3.1
TIMBERS EDGE	B4	20.7	12525	0	589	4.7	492	3.9

ERIE

CONCORD RIDGE FARM	B3	120.5	22878	0	915	4.0	739	3.2
PAUL AND MATT SENITA	3	49.9	22055	0	884	4.0	714	3.2
RONALD L CHAPMAN	B3	40.9	22696	0	837	3.7	711	3.1
HOW RICH FARMS	B3	69.7	22412	1	830	3.7	710	3.2
BERNARD H ESTER	3	32.9	22681	0	805	3.6	702	3.1
FRANK POLLOCK JR	B3	27.2	22464	0	827	3.7	692	3.1
WOODS DAIRY	B3	78.2	21699	0	787	3.6	670	3.1
PAT FIFER	G3	75.5	20631	1	745	3.6	659	3.2
RICHARD GIEWONT	B3	34.5	21243	0	779	3.7	656	3.1
BISBEE FARM	G3	203.3	19919	0	708	3.6	656	3.3
CRAIG SHINKO	G3	56.8	21176	0	764	3.6	656	3.1
LIND FARM	B3	56.4	20742	0	762	3.7	654	3.2
LEO K MC CRAY	G3	114.6	20146	0	750	3.7	649	3.2
ROBINSON BROTHERS	B3	167.7	20620	1	760	3.7	648	3.1
HAROLD-BARB GOODWILL	B3	39.8	19718	0	765	3.9	641	3.3

FAYETTE

EDWARD BURNWORTH	B3	56.8	19528	0	694	3.6	665	3.4
JACKSON FARMS	3	140.5	20738	0	677	3.3	660	3.2
ORR FARMS	B3	109.3	20637	0	732	3.5	652	3.2
RALPH HAY	B3	39.2	20349	0	703	3.5	636	3.1
R BROWN STONEE-RIDGE	3	58.2	19948	0	699	3.5	631	3.2
ROBERT JACKSON	3	96.3	20162	0	732	3.6	631	3.1
ALBERT J FERENS	B3	103.0	20570	0	768	3.7	626	3.0
HERRING FARMS	B3	81.9	19074	0	749	3.9	621	3.3
LOIS J MARIETTA	3	28.1	17795	0	654	3.7	592	3.3
ALLEN HILL DAIRY	3	61.9	18290	0	691	3.8	591	3.2
KAMP FARMS	3	87.7	18944	0	690	3.6	589	3.1
ALVIN DIAMOND	B3	97.0	18229	0	624	3.4	572	3.1
JAMES G POORBAUGH	B3	107.8	18741	0	666	3.6	570	3.0
STEVE KOOSER	B3	52.7	17181	0	600	3.5	555	3.2
GARY THOMAS	B3	40.9	14794	0	570	3.9	482	3.3

FRANKLIN

RV + SV HOLLENSHEAD	B3	143.1	26822	0	1065	4.0	861	3.2
ROBERT E HARWOOD	3	115.9	24082	0	896	3.7	747	3.1
DOUG-BARB MC CULLOH	B3	105.8	22595	0	762	3.4	734	3.2
MIKE FLANNERY	B3	79.0	22256	0	757	3.4	713	3.2
STONE HART FARM	B3	116.7	22376	0	725	3.2	706	3.2
HORSTDALE FARM	3	102.1	22243	0	807	3.6	701	3.2
DALE WADEL	3	93.1	21345	0	821	3.8	699	3.3
ROGER A NEGLEY	B3	60.9	22206	0	808	3.6	690	3.1
OAKLEIGH FARMS	3	123.1	21026	0	832	4.0	680	3.2
STEPHEN J MELLOTT	B3	132.1	21831	0	800	3.7	675	3.1
ROHART FARMS	3	170.0	21000	0	795	3.8	675	3.2
LEE B WORTHINGTON	B3	146.7	20498	0	816	4.0	674	3.3
REICH SPRING FARM	B3	61.4	21366	0	731	3.4	671	3.1
ALDUS EBY	B3	104.2	21137	0	773	3.7	670	3.2

FULTON

KIN DU FARM	B3	108.8	21347	0	809	3.8	679	3.2
J DALE FISCHER	B3	110.9	21473	0	784	3.7	677	3.2
LONNIEDEBBRAD PALMER	B3	118.0	20227	0	769	3.8	670	3.3
PURNDALE FARM HOL	B3	26.3	20346	1	791	3.9	653	3.2
LYNN + JULIE KNEPPER	G3	57.6	20540	1	703	3.4	651	3.2

(Turn to Page C11)

Top Pennsylvania DHIA Herds

(Continued from Page C10)

JAN P COWAN	B3	57.5	19813	0	732	3.7	646	3.3
HAROLD&HELEN DESHONG	G3	76.7	19851	0	681	3.4	645	3.2
PURNDALE FARM R&W	B8	49.9	19930	1	765	3.8	632	3.2
DUVALL BROS	B3	76.1	19776	1	696	3.5	622	3.1
RICHARD G BARD	B3	49.8	19127	0	711	3.7	621	3.2
C & S DAIRY	B3	72.1	18140	0	658	3.6	602	3.3
PINETREE I FARM	B3	84.4	18997	0	681	3.6	601	3.2
CREEK VALLEY FARMS	3	21.0	17993	0	669	3.7	594	3.3
FISCHERSIDLINGHILLFM	B3	70.1	19133	0	635	3.3	592	3.1
WARREN SWOPE	B3	100.7	18169	0	653	3.6	590	3.2

HUNTINGDON

TANNERY ROAD FARM	B3	91.6	23634	0	865	3.7	742	3.1
SAMUEL K BYLER	B3	54.4	22236	0	833	3.7	717	3.2
CHESTER+CAROLE SMITH	B3	121.6	22723	1	795	3.5	697	3.1
GEARY E SHADE & SONS	3	94.0	21292	0	796	3.7	697	3.3
COLONIAL FARM ESTATE	B3	61.2	21878	0	756	3.5	697	3.2
SANGREY FARMS	B3	108.6	21356	0	796	3.7	696	3.3
GERALD & BERN MCMATH	B3	70.9	20895	0	743	3.6	695	3.3
DALAND FARMS	3	137.8	21617	0	806	3.7	692	3.2
LOCUST LANE FARM	B3	131.3	21851	1	848	3.9	691	3.2
MOWRER FARMS	B3	185.4	22046	1	773	3.5	670	3.0
TIMOTHY R PEACHEY	3	93.6	20422	0	761	3.7	655	3.2
THOMAS A SPICHER	B3	58.2	19992	0	738	3.7	654	3.3
BEHRER FARMS	B3	194.2	20870	0	776	3.7	651	3.1
ED & SHARON PARSONS	B3	59.2	19754	0	731	3.7	648	3.3
DEAN E VARNER	B3	39.5	20546	0	735	3.6	645	3.1

INDIANIA

MILOS & SANDY SINAN	B3	93.6	26352	1	977	3.7	809	3.1
GRIFFIELD FARMS	G3	71.3	23281	1	847	3.6	741	3.2
PAUL & KAREN SHERRY	G8	57.7	23651	0	897	3.8	736	3.1
PLEASANT VIEW FARM	G3	119.8	22354	0	856	3.8	702	3.1
ANDY+HOWARD CRAMER	G3	34.0	22408	0	865	3.9	682	3.0
JERRY NESBIT	B3	112.7	20988	0	789	3.8	682	3.3
NEAL DAIRY FARM	G3	83.2	20875	0	743	3.6	670	3.2
DALE & RODNEY BLOOM	B3	124.9	21392	0	797	3.7	665	3.1
BLACK VALLEY FARMS	G3	57.7	20112	1	692	3.4	653	3.2
ALAN G MUIR	B3	35.7	20910	0	818	3.9	642	3.1
LARRY H MARSHALL	3	19.2	20583	0	776	3.8	631	3.1
JIM & BILL COMPTON	3	57.0	19833	0	809	4.1	631	3.2
RON+LINDA PARK	B3	34.7	18909	0	705	3.7	610	3.2
DONALD SHARP	B8	42.5	18226	0	777	4.3	606	3.3
BLOSSOM HOLLOW FARM	B3	43.8	18714	0	691	3.7	596	3.2

JEFFERSON

LONDONDALE FARM	3	58.3	25363	0	932	3.7	822	3.2
BURK-LIN FARMS	B3	33.6	23967	0	889	3.7	739	3.1
LEE ANN DAIRY FARM	3	32.9	23288	1	807	3.5	729	3.1
LAUREL VALLEY DAIRY	B3	42.4	21840	0	809	3.7	707	3.2
DONALD DIXON	B3	41.3	21477	0	833	3.9	700	3.3
WAY-WIN VALLEY FARM	3	38.0	21800	0	804	3.7	685	3.1
REITZ HAVEN FARM	3	65.4	20906	0	776	3.7	664	3.2
HIGHLAND H FARMS	3	19.4	18805	0	766	4.1	649	3.4
MOWREYS SPRUCELAWN	3	97.3	20486	0	811	4.0	646	3.2
MITCHELLS DAIRY FARM	B3	76.2	20852	0	816	3.9	641	3.1
VIVIAN FARMS	B3	45.8	20630	0	754	3.7	640	3.1
LUTHER BUHITE	G3	128.6	19257	0	747	3.9	631	3.3
WINDFALL RUN FARM	B3	51.0	19933	0	739	3.7	631	3.2
KEVIN/HOLLY PLUMMER	B3	52.3	19384	0	740	3.8	627	3.2
GREGORY L KENNIS	B3	24.0	19776	0	690	3.5	612	3.1

JUNIATA

STEVE+BARBARA WILSON	3	32.6	23962	0	883	3.7	752	3.1
SPEERETTE FARM	3	61.3	24039	0	871	3.6	742	3.1
GLEN + TRACEY HENRY	B3	39.8	23898	0	884	3.7	730	3.1
HAROLD+JEFF KAUFFMAN	3	40.9	22314	0	810	3.6	710	3.2
JOHN Z BEILER	3	67.5	22339	0	801	3.6	706	3.2
MYRON+MARY GEHMAN	B3	36.8	22829	0	803	3.5	703	3.1
DONALD Q ADAMS	3	35.4	21111	0	792	3.8	700	3.3
MELVIN M MARTIN	B3	82.2	21831	0	802	3.7	697	3.2
RICK+JEANETTE SANER	3	47.3	21461	0	799	3.7	695	3.2
R B + FRANK CRAWFORD	3	50.2	21502	0	830	3.9	685	3.2
JOHN M ZIMMERMAN	G3	47.2	20850	0	774	3.7	669	3.2
TIMOTHY E LAUVER	G3	37.6	20938	0	690	3.3	668	3.2
HAROLD B SHEARER	3	36.4	21021	0	748	3.6	661	3.1
RAYMOND E KAUFFMAN	B3	61.4	20562	0	766	3.7	655	3.2
MARK L ZOOK	3	68.4	20944	0	701	3.3	654	3.1

LACKAWANNA

PAUL+MARK DARLING	3	51.0	22693	0	872	3.8	736	3.2
ANDREW & GEO YEDINAK	3	52.8	20417	0	821	4.0	664	3.3

(Turn to Page C12)

TOP 10 REASONS WHY YOU SHOULD BUY A TANCO BALE WRAPPER

TANCO	COMPETITION
1. Five (5) points of support on turntable: Four heavy duty rollers add stability and support to the perimeter of the turntable in addition to the main central shaft. This allows Tanco wrappers to safely wrap the heaviest silage bales on rough or uneven ground.	Competition uses one central shaft to support the entire turntable mechanism.
2. Single solid belt on turntable: The single belt enables Tanco wrappers to effectively wrap misshapen or soggy bales providing a positive surface for bale rotation.	Competition uses either no belts between rollers, or multiple belts which can allow bales to sag and slip.
3. Adjustable extendable axle: On trailed models the extendable axle provides a wide, stable wheel base when loading bales. Eliminates the need for counter-weights.	Competition must add counterweights or tandem axles as options to effectively handle silage bales.
4. Top rollers on turntable: Extra rollers provide security to keep bales in place when wrapping at high RPM's (25) or on uneven terrain.	Competition - None.
5. Unloading ramp on trailed models: The ramp allows bales to be unloaded gently. When a wrapped bale falls hard it can "burp". Once it "burps" the bale does not re-seal. The ramp gives a smooth transition between the ground and turntable.	Competition - optional drop mats are available.
6. Turntable braking System: When unloading wrapped bales its important that the turntable doesn't move out of position. A twisted turntable can offload a bale crooked, exposing it to possible tearing of plastic on frame parts. Tanco machines are equipped with a braking system that holds the turntable in place when unloading bales.	Competition - either no system, or rely on hydraulics to hold the turntable.
7. Film indexing system: As temperature rises, plastic stretches more. To ensure proper overlap and complete coverage when it's hot outside, Tanco machines are equipped with an exclusive, simple, indexing system to compenstate for those times. The operator can eliminate potential "windows" in the wrapping procedure.	Competition - None.
8. Positive bale positioning: while being wrapped, bales are rotated the exact distance required to obtain optimum coverage.	Competition uses continuous hydraulic advance. Bales can slip or over-rotate giving an uneven wrap.
9. Durability: Tanco's subframe is the heaviest of any machine available in North America. The low profile design keeps silage bales closer to the ground with a low center of gravity for stability. Tanco's features are the result of years of experience and input from hundreds of individual, and commercial users in Europe.	Competition - Compare.
10. Prices: From a basic 3 point Model AW200, to the trailed Model AW400 with automatic cut & start, bale and batch counter, and tractor seat controls, Tanco prices for 1993 are lower than ever. Pay less for more features and durability than any other bale wrapper on the market.	Competition - Compare.

SEEING'S BELIEVING:
We welcome pre-season demonstrations to interested customers.
Contact your local dealer to arrange a demo and more information on Tanco wrappers.

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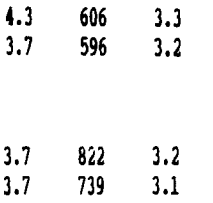

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Top Pennsylvania DHIA Herds

(Continued from Page C11)

FRON BROS	G3	53.7	20273	0	752	3.7	648	3.2
JOHN FRON	B3	38.6	19467	0	719	3.7	627	3.2
AMASA HILL FARM	B3	106.1	18298	0	696	3.8	603	3.3
DANIEL NAYLOR	3	64.7	17128	0	681	4.0	557	3.3
PAUL MANNING	B3	48.7	16628	0	650	3.9	549	3.3
HARRY ALLAN MC LAIN	B3	43.6	15006	0	514	3.4	487	3.2
LEE COURTRIGHT	G3	35.1	14626	0	541	3.7	461	3.1
CARL J ROSIAK	B8	33.9	12488	0	481	3.9	410	3.3
MERLE + ROBERT LEWIS	B3	55.1	12013	0	425	3.5	375	3.1

LANCASTER

J HAROLD FRITZ	B3	148.2	23198	0	867	3.7	744	3.2
GLENN E BURKHOLDER	3	67.7	23349	0	924	4.0	705	3.0
SINGING MAPLE FARMS	B3	82.8	20844	0	789	3.8	666	3.2
FRANKLIN VIEW FARMS	B3	119.0	20218	0	770	3.8	647	3.2
WILMER L HORST	B3	55.4	20237	0	747	3.7	633	3.1
J ROBERT KINDIG	3	60.4	20015	0	795	4.0	629	3.1
NORMAN L HERSHEY	3	82.8	20304	0	722	3.6	627	3.1
PAUL H ROHRER & SONS	G3	152.7	20262	0	756	3.7	624	3.1
GLENN R BUSHONG	B3	120.3	19911	0	760	3.8	623	3.1
LYNN M GOOD	3	46.2	19491	0	717	3.7	605	3.1
MAR-VIL ACRES FARM	B3	51.9	19722	0	737	3.7	605	3.1
TOM + DALE SMITH	3	28.0	19276	0	721	3.7	605	3.1
MERVIN R STOLTZFUS	B3	35.7	19216	0	738	3.8	599	3.1
GLENN R BINKLEY	B3	34.4	19454	0	754	3.9	598	3.1
RAYMOND H GOOD FM#2	B3	41.4	19042	0	715	3.8	587	3.1

LAWRENCE

TROTACRE FARMS	B3	37.7	26230	0	864	3.3	841	3.2
SNYDER DAIRY FARM	B3	97.7	21508	1	756	3.5	702	3.3
MIKE BOHONIK	B3	32.3	21805	0	761	3.5	689	3.2
WILSONS DAIRY FARM	B3	48.8	21832	1	774	3.5	675	3.1
LEFT-MAC FARM	3	63.2	21164	0	789	3.7	663	3.1
B TIMOTHY STURGEON	B3	51.8	20815	0	782	3.8	663	3.2
JOE W FERRIS	B8	38.1	19197	1	723	3.8	653	3.4
RICHARD J KIND	B3	175.7	20337	0	743	3.7	649	3.2
PAUL LAWRENCE	3	54.8	19916	0	746	3.7	640	3.2
S WELLS MC CREADY	G3	69.4	20043	0	680	3.4	636	3.2
COSGROVE DAIRY FARM	B3	38.5	19873	0	716	3.6	633	3.2
KEMLAND FARM	3	79.9	20269	0	739	3.6	630	3.1
GREEN LANE FARM	B3	59.6	19766	0	708	3.6	626	3.2
RED SPRINGS FARM	3	53.6	19005	0	803	4.2	619	3.3
JOE HAMMERSCHMIDT	G3	61.3	18524	0	634	3.4	614	3.3

LEBANON

ARNOLD ACRES	3	59.6	25750	0	893	3.5	824	3.2
CURVIN+JAY GOOD	B3	94.7	25177	0	874	3.5	780	3.1
GARY LENTZ	3	81.3	23699	0	874	3.7	772	3.3
RICHARD+LINDA KRALL	B3	38.8	23335	0	847	3.6	757	3.2
RAYMON & MARLIN GETZ	3	58.3	23040	0	897	3.9	753	3.3
BRUCE R HEILINGER	B3	13.9	23178	0	749	3.2	750	3.2
ARTHUR R KRALL & SON	3	74.2	23199	0	844	3.6	750	3.2
DALE GOOD	B3	91.2	24146	0	887	3.7	749	3.1
VINCENT A WAGNER	3	61.7	23020	0	877	3.8	740	3.2
DALE L HOOVER	3	73.4	23004	0	791	3.4	737	3.2
LOUIS E MARTIN	G3	48.7	23438	0	815	3.5	737	3.1
DAVID+CHRIS WILLIAMS	B3	60.7	22459	0	774	3.4	721	3.2
NEAL W SENSENIG	B3	58.8	22746	0	799	3.5	720	3.2
MARLIN G MARTIN	B3	47.5	22910	0	776	3.4	720	3.1
IRVIN Z BRUBAKER	G3	53.7	23699	0	862	3.6	720	3.0

LUZERNE

PAUL STOSS JR	3	54.9	23133	0	967	4.2	713	3.1
HILLSIDE FARMS INC	3	73.4	22090	0	817	3.7	702	3.2
JACK+NELSON DENT	3	35.8	20860	0	893	4.3	677	3.2
C K TROXELL FARMS	B3	105.9	19503	0	840	4.3	632	3.2
PECORA BROS	B3	207.4	19086	0	711	3.7	630	3.3
MANZONI BROS	B8	91.4	19514	0	754	3.9	616	3.2
MARTIN SMITH	B3	32.8	19371	0	713	3.7	615	3.2
DENNIS MOYER	B3	62.2	19337	0	742	3.8	606	3.1
ROBERT HOUGH	3	53.7	19149	0	764	4.0	599	3.1
JEANETE CHARLES YOST	B3	31.2	18414	0	672	3.6	580	3.1
ERIC STEVENS	B3	26.2	17535	0	713	4.1	570	3.3
ROBERT STOLA	G4	13.8	15733	0	691	4.4	555	3.5
FLOYD RINEHIMER	B3	38.0	17545	0	706	4.0	543	3.1
ALBERT BROYAN	G3	37.6	16429	0	675	4.1	529	3.2
CHARTER LAND FARMS	B8	21.6	15146	0	509	3.4	500	3.3

LYCOMING

EUGENE W HALL	3	76.7	23382	0	921	3.9	816	3.5
RON + LORI HEMBURY	3	61.9	23934	0	874	3.7	772	3.2
LOST BROOK FARM	B3	159.8	22428	0	857	3.8	734	3.3
SCHON-CREST FARMS	B3	52.8	21636	0	767	3.5	707	3.3
MARVIN L WALTZ	B3	52.0	21740	0	814	3.7	699	3.2
BENJAMIN E MCCARTY	B3	40.5	21330	0	810	3.8	698	3.3
STEVEN C& SUSAN NEFF	3	59.6	21491	0	744	3.5	692	3.2
SAMUEL & LARRY FRY	3	110.6	20980	0	764	3.6	681	3.2
BOWER CREST FARM	3	34.5	19598	0	745	3.8	651	3.3

(Turn to Page C13)

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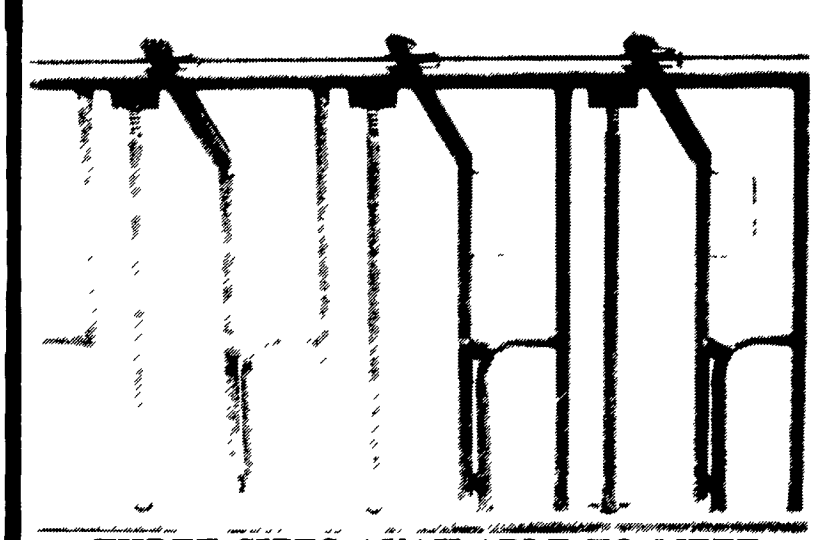

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Top Pennsylvania DHIA Herds

(Continued from Page C12)

CHA DER DAIRY/MOYER	B3	58.2	19110	0	659	3.4	648	3.4
DALE F COOLEY	B3	41.5	18878	0	677	3.6	638	3.4
STEPHEN R WALTZ	G3	79.5	19724	0	690	3.5	638	3.2
MONT WILL FARMS	B3	38.6	20097	0	759	3.8	634	3.2
EDGAR+WILLIAM HUNTER	B3	27.1	19303	0	724	3.7	624	3.2
ROBERT C BRONSON	3	55.7	18792	0	682	3.6	623	3.3

MCKEAN

KEN + DOUG COMSTOCK	3	35.4	22602	0	854	3.8	719	3.2
LESTER LAPP	3	64.0	21947	0	852	3.9	707	3.2
ALAN KINNEY	3	27.9	20005	0	798	4.0	658	3.3
FRANCIS JR+TIM DYNDA	B3	36.4	20615	0	745	3.6	647	3.1
CHARLES IRONS	8	79.7	19079	0	804	4.2	617	3.2
CHERYL+MATT WINDSOR	B3	31.2	18711	0	721	3.9	613	3.3
NEAL D GORDON	3	40.9	18912	0	689	3.6	606	3.2
BRUCE+PAIGE MILES	B3	43.1	18099	0	688	3.8	573	3.2
PETER CAUSER	B3	41.2	17935	0	643	3.6	564	3.1
MANTZ FARMS	B3	31.0	17000	0	675	4.0	550	3.2
STRATTON FARMS	3	49.5	16863	0	646	3.8	537	3.2
G L CARLSON INC NO 4	B3	42.9	17006	0	528	3.1	533	3.1
THOMAS SPEES	B3	51.8	16581	0	604	3.6	528	3.2
KEVIN DIBBLE	B3	42.0	16191	0	605	3.7	506	3.1
ROBERT STRAIT	G3	37.1	15746	0	570	3.6	492	3.1

MERCER

ROLLIN+DENNIS JAMES	B3	47.0	22526	1	878	3.9	723	3.2
RALPH+GARY OAKES	B3	43.4	21556	1	784	3.6	718	3.3
RALPH + GARY OAKES	4	15.6	17543	0	874	5.0	711	4.1
LENGEL BROTHERS	G3	163.5	21059	0	785	3.7	700	3.3
DALE L KEPNER	B3	39.7	22010	0	854	3.9	697	3.2
ARTHUR BAXTER	3	41.4	22164	0	839	3.8	692	3.1
HAZEL GANDER	B3	78.8	21997	0	811	3.7	691	3.1
CANON DAIRY	B8	84.3	21622	0	825	3.8	690	3.2
PAULA DELL HOLSTEINS	B3	57.9	21212	1	784	3.7	680	3.2
DOUGLAS K ROBINSON	B3	24.6	20888	0	823	3.9	679	3.3
AMAZING GRACE DAIRY	B3	63.8	20803	0	756	3.6	675	3.2
MRS CHARLES ROBINSON	B3	48.5	20332	0	792	3.9	660	3.2
SHERRY&JOHN IVANCIC	3	70.2	20277	0	767	3.8	658	3.2
RALPH C KEPNER	B3	32.5	21053	0	789	3.7	658	3.1
EDWIN C OLSON	G3	25.8	20571	0	776	3.8	658	3.2

MIFFLIN

DAVID C YODER	3	63.8	23705	0	918	3.9	776	3.3
LA FAY FARM	B3	42.8	22899	0	835	3.6	757	3.3
G SHELDON PEACHEY	3	64.3	22956	0	861	3.7	754	3.3
DARREN&CARYN PEACHEY	3	50.9	22835	1	832	3.6	752	3.3
VALLEY VIEW FARM	3	76.7	22017	0	809	3.7	746	3.4
NOAH B SHARP JR	B3	16.6	21233	0	850	4.0	743	3.5
JOHN L KING	3	49.7	22876	0	918	4.0	740	3.2
VERN-LEE HOLSTEINS	3	55.0	23045	0	886	3.8	736	3.2
Y BROOKSIDE FARM	3	89.7	22092	0	868	3.9	724	3.3
DAVID J RUTH PEACHEY	B3	53.0	22005	0	800	3.6	720	3.3
PAUL J ZOOK	3	46.9	22263	0	785	3.5	715	3.2
LEROY+ROD KAUFFMAN	3	60.6	22051	0	831	3.8	714	3.2
KISH VIEW FARM	3	111.6	22136	0	859	3.9	713	3.2
R GLENN YODER	3	86.3	21684	0	834	3.8	711	3.3

MONTGOMERY

ROBERT HEWITT	B3	32.7	22761	1	727	3.2	712	3.1

(Turn to Page C14)

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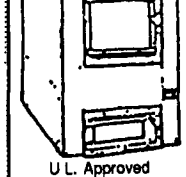

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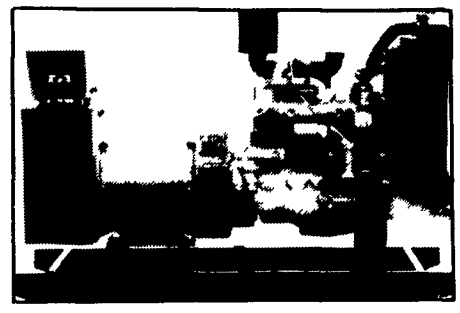

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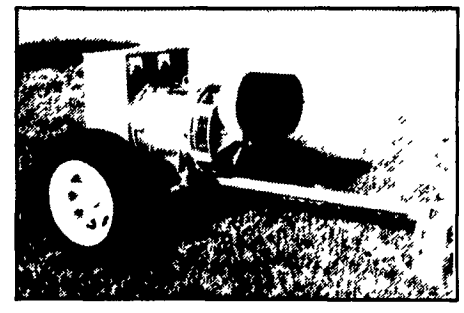

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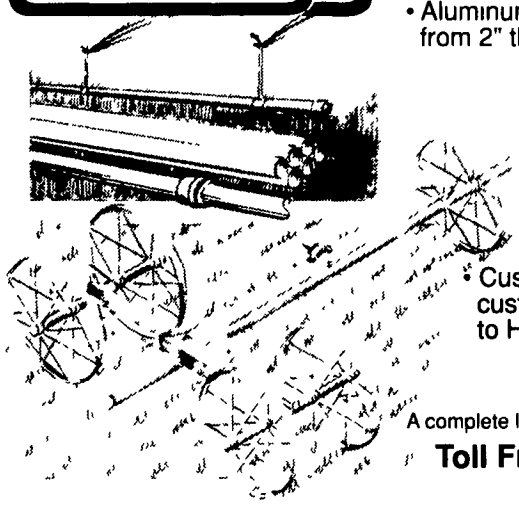

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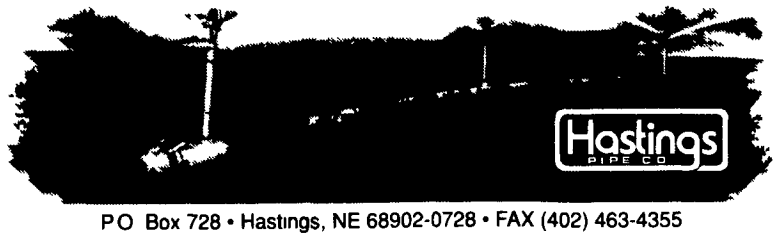

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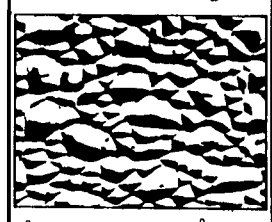

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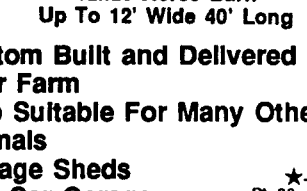

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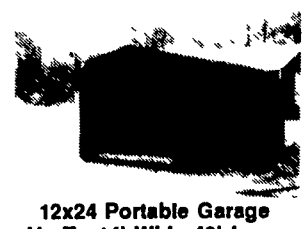

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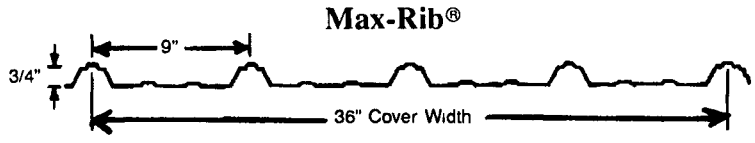

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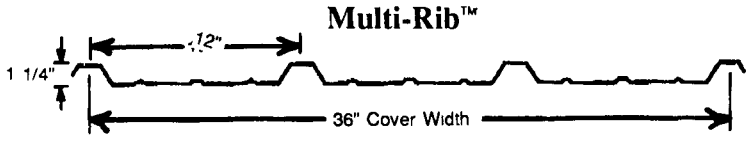

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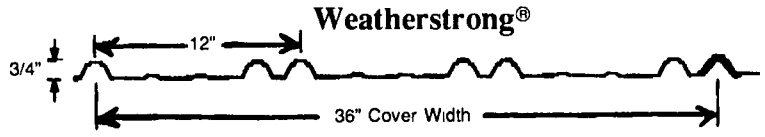

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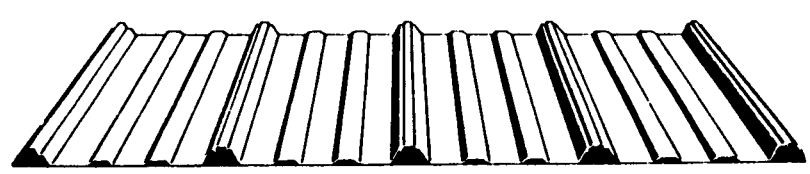

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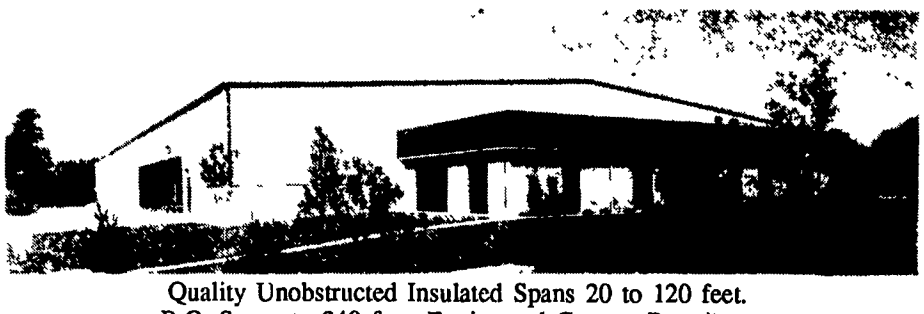

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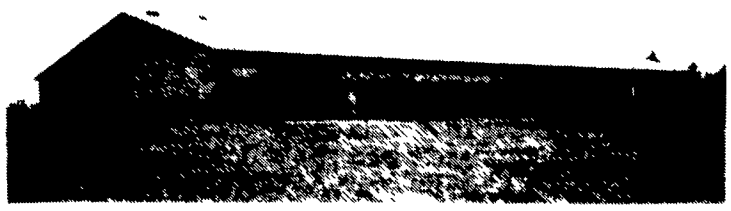

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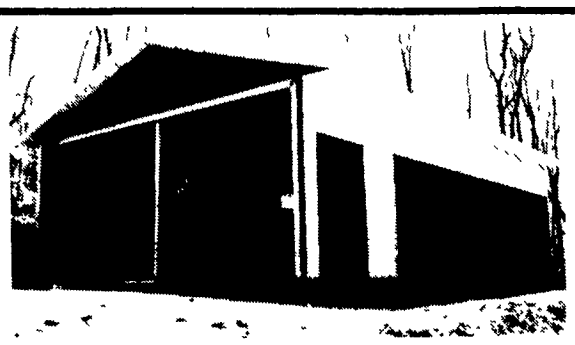

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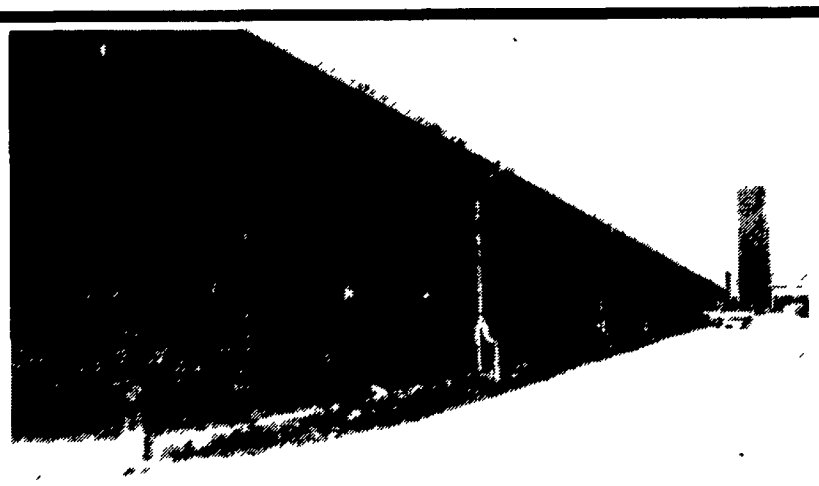

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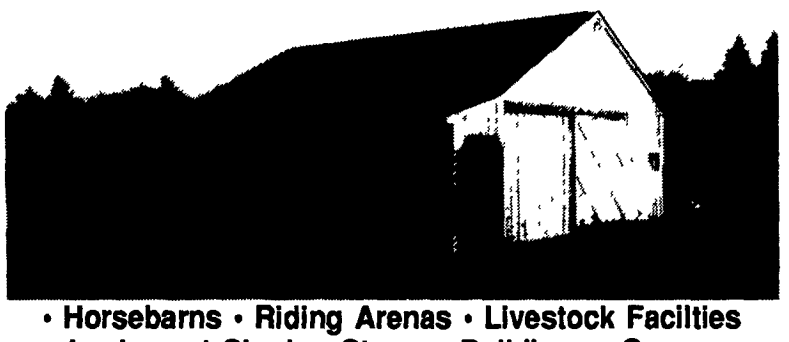

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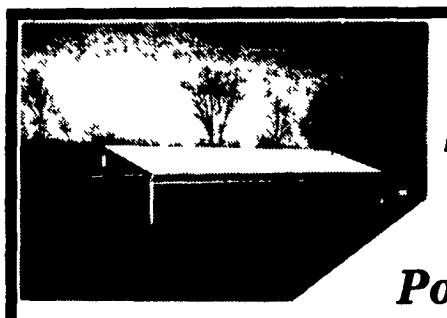

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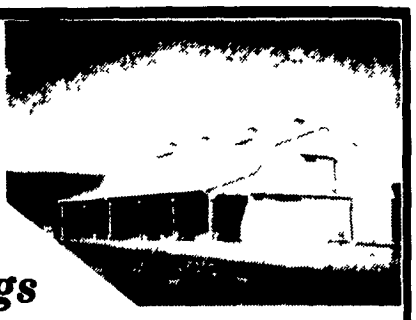

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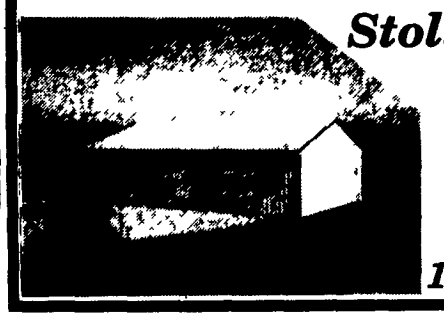

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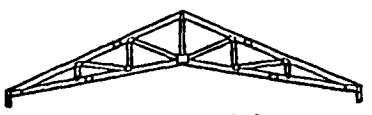
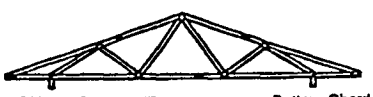
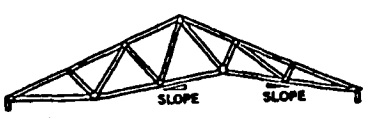


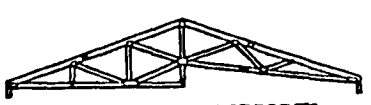
S66 - DOUBLE HOWE SCISSORS



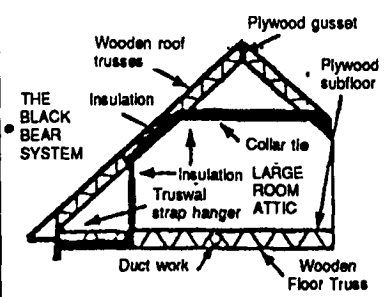
DOUBLE CANTILEVER — Bottom Chord Overhang



VAULT



STUDIO WITH TWO BEARING POINTS



M32 - MONO

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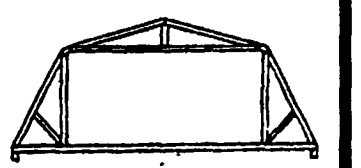
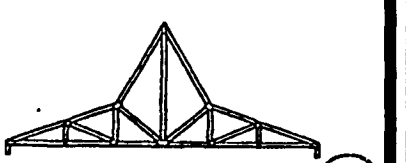
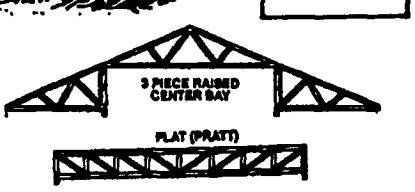
DUAL SLOPE (DOUBLE PITCH)

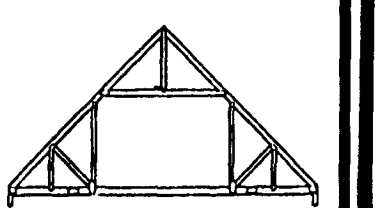


GAMBREL IN-ATTIC



POLYNESIAN (DUO PITCH)





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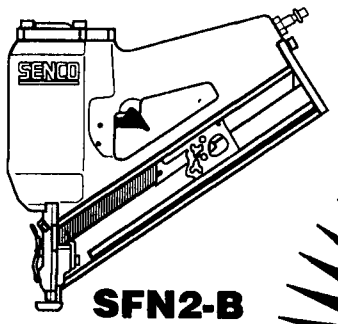

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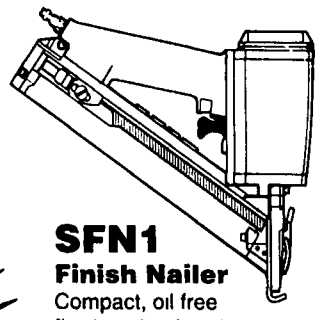

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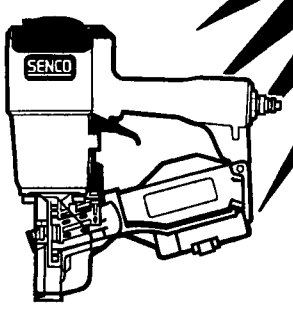

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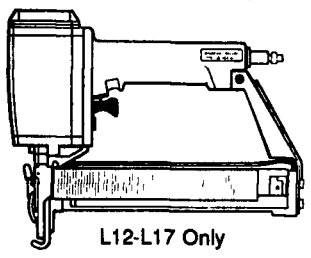

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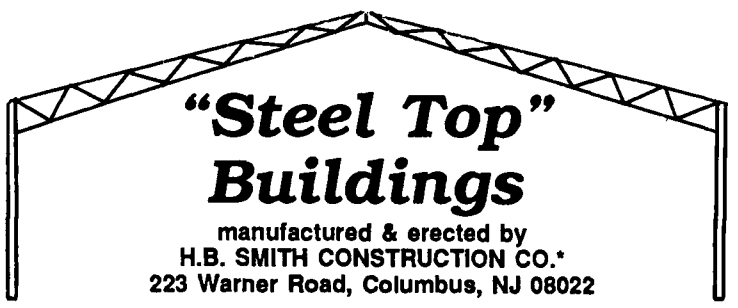

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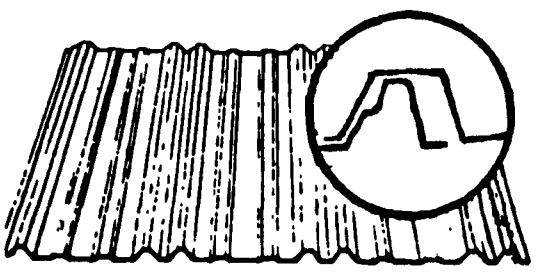

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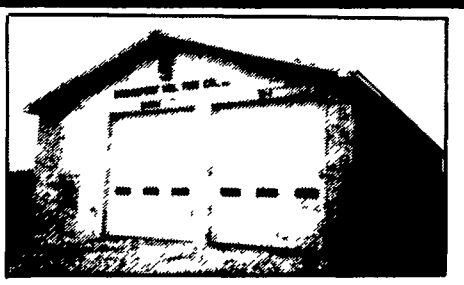

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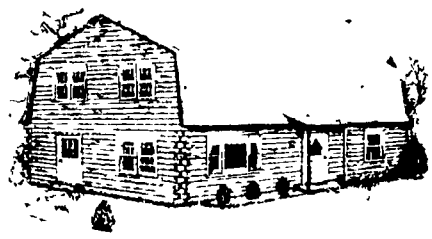

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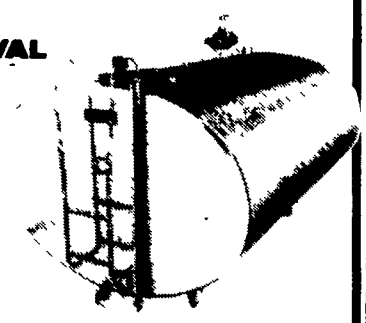

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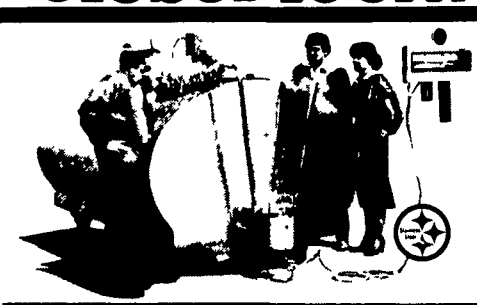

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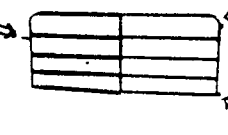

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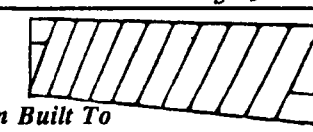

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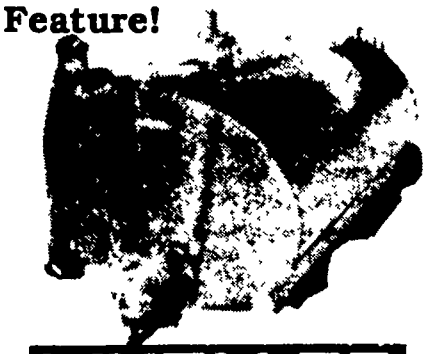

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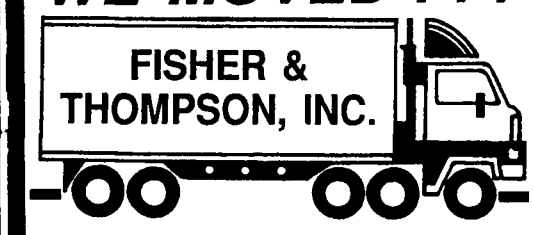

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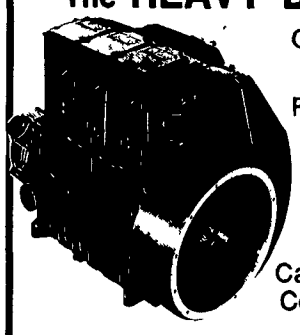

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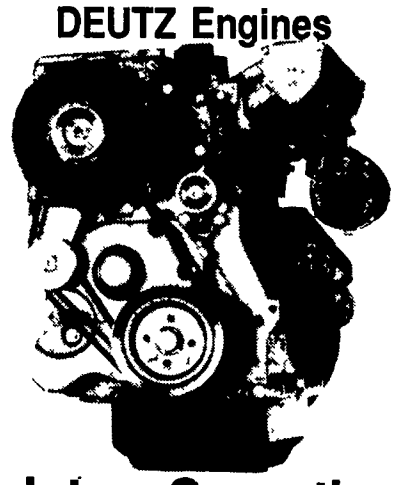

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- 1000 Gal. Mueller "OH"
- 1000 Gal. Mojonnier
- 1000 Gal. Dari-Kool
- 1000 Gal. Mueller "O"
- 1000 Gal. Girton D-4 Recond.
- 1000 Gal. Girton
- 1000 Gal. Girton D-5
- 1000 Gal. Mueller "OH"
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- 1250 Gal. DeLaval
- 1250 Gal. Mueller "M"
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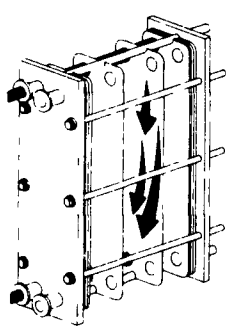

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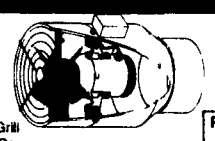

PVC Pipe Diameter	Model #
8"	PF2E30-8
10"	PF2E30-10
12"	PF2E30-12

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SYSTEM 1

Includes.
Poly Hood Removable Fan
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Electric plug and 6' wire
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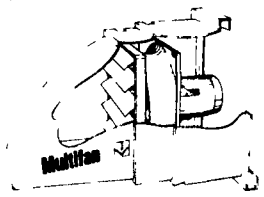

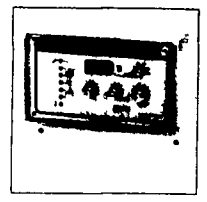

SYSTEM 2-C

Same as System 1
except cone replaces hood
Variable two & one speed
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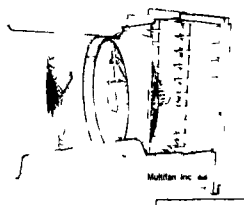
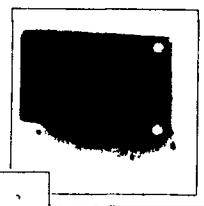
Optional 120v

#1 in efficiency - 19.0 cfm/watt
Tested by University of Illinois





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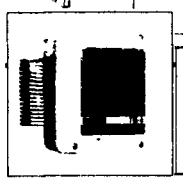

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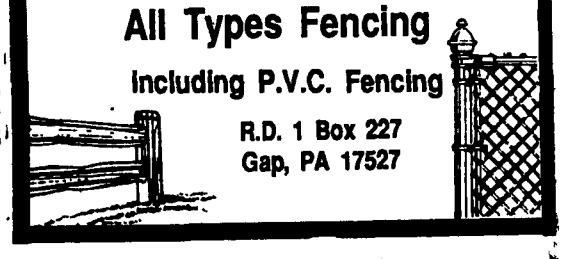

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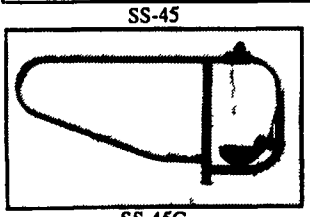

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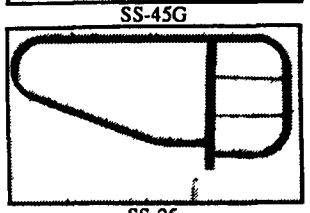

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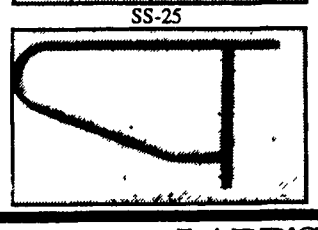

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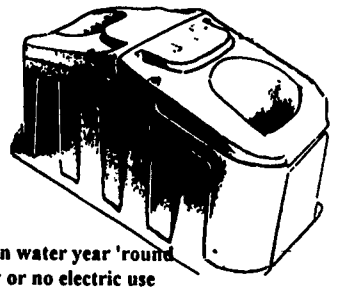

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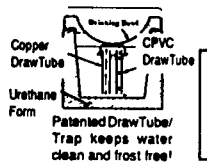

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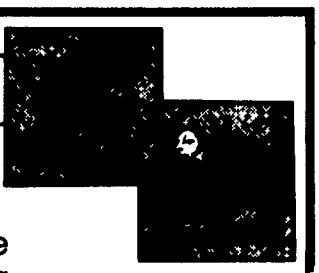

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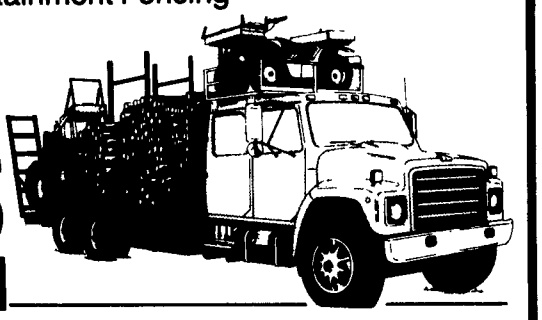

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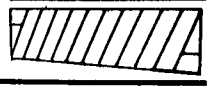

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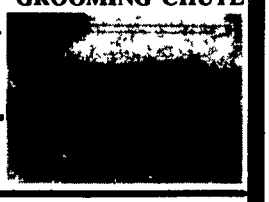

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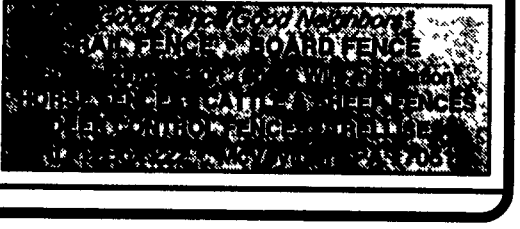

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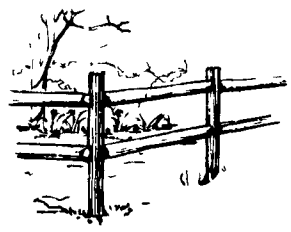

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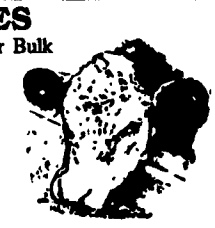

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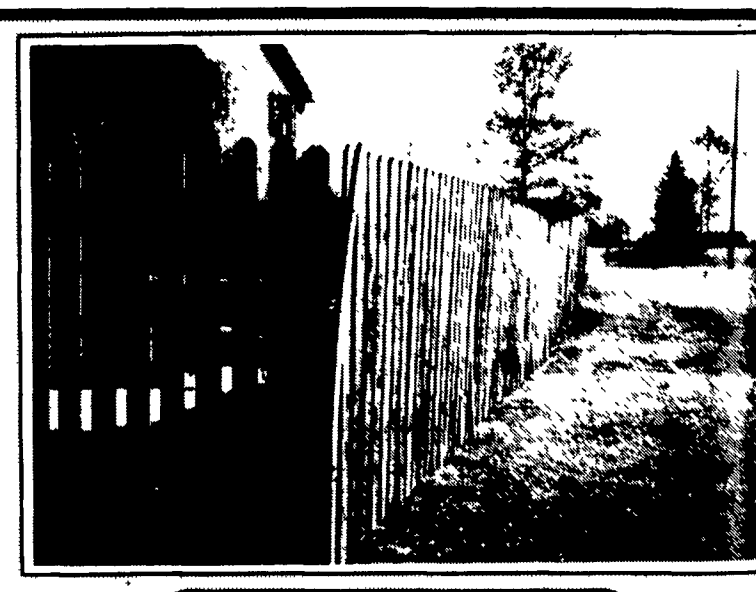

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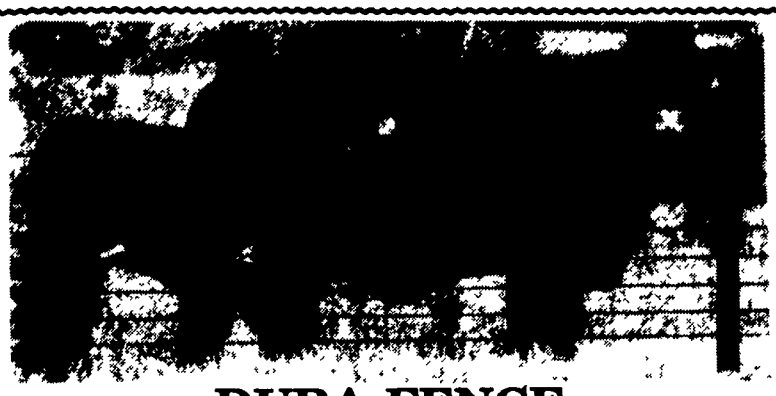

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(Northern VA, Near Warrenton)
A GREAT OPPORTUNITY
For Registered & Commercial Breeders
Top Genetics have been used
One of the Largest & Best
Tarentaise Herds in the East
65 Spring Calving Pairs
15 Yearling Heifers
30 Fall Calving Cows
10 Fall '92 Heifer Calves
12 Fall '92 Steer Calves
3 Herd Sires
(1 Fullblood, 2 PB Angus)
12 Yearling Bulls
Immediately Following Cattle Sale
Farm Equipment Sells
For Brochure & Catalog Contact

804-644 LAND VAAF 86
OWNBY AUCTION & REALTY CO. INC.
1417 BROOK ROAD RICHMOND, VIRGINIA

SALUNGA ACRES
OFFERS SOME FACTS ON THEIR 12 POLLED HEREFORD BULLS FOR SALE
Avg. Birth Wt. 94# ADJ Weaning Wt. 713#
AVG. EPD's

Birth	Weaning	Yearling	Maternal	Maternal
3.6	22.8	35.7	Wean Wt.	Milk
			13.4	2.4

ALSO OFFERING ANGUS FEMALES & BULLS
2230 Spooky Nook Road, Mt. Joy, PA 17552
Office (717) 898-7271 Evenings (717) 653-8955

Buffalo Calves
(717) 222-9815

Home-Raised Holstein Feeder Steers
350 lb. available every 8 weeks.

(717) 568-8921
Martin's Beef
No Sunday Calls

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9 HORSES & MULES

10 Saddlebred, Standardbred horses Priced from $900-$1300 5 horses 4-6 years old Sam F Stoltzfus, 730 Vintage Road, Christiana, PA 17509

1 Pair of Black Molly Mules, 17 1H, ready for work Erbie S Stoltzfus, 400 Newport Road, Ronks, PA 17572

2 Flashy Bay SADDLEBREDS, 16H, 5 years old, ride and drive, traffic safe, $2500/each; NEW SUPER DELUXE SHOW HARNESS, pair and single, extras, $4000, Holly whip, Western Billy Royal show saddle, $400, add'l saddles & bridles 215/286-9400

2 Registered Quarter Horses, Excellent Bloodlines Call Anytime 717-345-4092

2 Saddlebreds from Kentucky, 4 & 6 yr olds Lanc Co 717/354-5039

(3) 4 Year Old Horses, Traffic Safe, Broke for Carriage, Ready for Road, Also 2 Year Old Green Broke All Saddlebreds Samuel Beiler Jr 3002 Old Philadelphia Pk, Ronks, PA 17572 See After 5 Weekdays and Saturdays

4 Year old American Saddlebred, lots of snap & style, safe & sound, $1700 Will deliver 717/664-3729

5 year old registered Quarterhorse, mare, Boston Mac and Triple Chick breeding, $2000 814/364-9134

MINIATURE HORSES Overcrowded, cutting down Bred mares starting at $1500 Expecting ten foals Excellent quality Stud service available Reduced prices, can't be beat Blankets, sheets, halters, lead ropes Wholesale, retail Write for prices or come and see us MEL'S MINI HORSES, 345 North Hollander Rd, Gordonville, PA 17529

Miniature Horses, AMHA/AMHR, 2 year Bay Pinto Stallion, Mares, 5 year Tri-Pinto, 3 year Bay and Sorrel Pinto, others 814-257-8466

Miniature horse and donkey carts, wagons Miniature horses 717/442-4510 leave message

NEW OAK WAGONETTE, holds 6-8, brakes, gray tufted seats, $4500 215/286-9400

New pony wagon and buck board For information call 717-622-2646 Or send SASE Engle Wagon Works, RD5, Box 5790, Pottsville, PA 17901

One big 4 year old saddlebred horse Lots of style Ready for the road Benjamin K Kauffman Rd#2 Box 149G Honeybrook PA 19344

Pair Haflingers, gelding and mare, 6 years old, ride, drive, gentle 215-857-0155

6 Year Old American Saddlebred w/Papers, Style, Snap, Traffic Safe and Sound, Needs More Road Aaron S. Beiler, 5083 Usner Road, Kinzer, PA 17535

AMHR FILLIES Bay 2 year old, refined head and legs, will stay under 34" Pinto background Sorrel yearling, straight and correct Beautiful mover FWF background Priced to sell 215-489-7139

Arabian Horse Mini-Fair April 24, 9AM-5PM. York Fairgrounds. Exhibitions, Youth judging, Private Treaty Sale Row, Pony rides, and more FREE. For more information (717)927-6443 or (717)367-8252.

CLYDESDALE Reg 2 year old colt, high headed, successfully shown, $1850 908-322-4038

Clydesdale mare Roan, 4-years, $2900, Clydesdale gelding bay, 5-years, $2500 Both beautiful White stockings Pets Have not been worked 302-284-8774

CUTTING HORSE, very solid 11 year old, Doc Bar Mare 908-322-4038

Excellent Selection of Quality Plantation Tennessee Walkers for trail and show Also stud service 215/267-7311 after 7pm

Ferdinand Bull Sewing Machine w/3 Different Feet, Roller Guide, Stand w/110 Motor, Will Sew to ¾" Leather, Nylon, Etc Very Light Use Price New $6800, Asking $5200 Call Evenings 717-752-7005

Haflingers 2 Registered Colts Consigned to Wilson's Carriage and Horse Auction 5-3-93, Lincoln, DE 302-378-2872

Horse safe for women, not lazy, also 16H riding horse w/style 36" miniature pony stud for sale or service (717)656-9548

Horses boarded private farm in Wagontown offers full care, daily T/O, close to Hibernia Park and great X/C trail, $200/week (215)384-6055

MILL RUN BUGGY SHOP Restoring and manufacturing carts, carriages, coaches to your specifications (215)273-9665, RD#2, Box 7J, Mill Rd, Honey Brook, PA 19344

Pair Sicilian Donkeys, Jack 19 months, Jenny 8 months, $700/pair 717/528-4505

Percheron Geldings Matched black team 3 and 5 years old, 17H, 18H, good broke Matched black team, 5 and 6 years old, 16 3H, good broke Snyder Co 717-374-2334

Pony hitch wagon and complete harness for 6 up plus other pony vehicles (301)874-2467

Registered ¾ Arabian Mare, 8 years old, gray, sound, $900 814/274-9554 Potter Co

Registered Percheron Colts, Foald 4-2-91 & 4-9-91, Shown Successfully, Great Disposition, Ready to Break, For Driving or Farm Work Asking $1200/Each 717-235-5448

Registered Welsh stallion stud service (410)239-7375

Registered Tennessee Walkers, 2-mares, 1 gelding, English/Western Must sell! Best offer 410-583-1975 (9-5), 410-592-6909 Evenings

---

Donkey For Sale
Young jack will be weaned and ready to go May 1
Reasonable to good home only
Dunvegan Farm
Lanc. Co.
(215) 267-4463

MULES FOR SALE

1 load of mules from West Virginia, and 17H, 3 year old,
Ivan K. Stoltzfus
(215) 445-5956

TENNESSEE BROKE MULES

One Load Broke By Jack Strode
2 Pr - 17 H Black Molly Mules
One Load Indiana - All Broke Mules
1 Pr - 17H Red Sorrel - Virginia
Two Loads From Rupp Mule Farm - Missouri Look For Quality
HENRY E. KAUFFMAN
205 Bell Road,
Christiana, PA 17509
(Near 9 Points)
717-529-2614
Frank Weidman-Leave Message

Broke Mules For Sale

1 Pr. Gray, 3 Years Old
1 Pr. Sorrels, 3 Years Old
1 Pr. Sorrels, 5 Years Old

Plus Some More Mules

Special: 1 pr., 5 yr. old black mare mules 17.1 H

Located at Ben K. Kauffman
Along Park Road, Honey Brook
Call Between 7:30-8:00 AM

215-273-3082

CANADIAN HORSES SELLING

- **Matched Team. Good Work Horses, 1 roan, 1 mare, 1 gelding weighing 1500 lbs. each. Ages 4 to 6 years old**
- **Pair Belgian horses, geldings, weighing around 1600 lbs. each. Good work horses.**
- **4 Standardbred Horses, young and good. To be sold April 22 7:45 P.M. EDST (Before Cow Sale)**

At Smoketown Quality Dairy Sale
Smoketown, Pa.

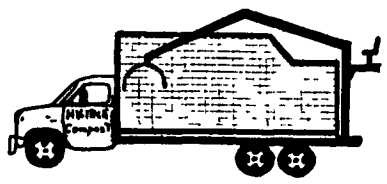
Standardbred 8 year old gelding, all trot, upheaded, lots of snap, 100% sound, $1450. 717/726-7374 6 30am to 7 00am

Two horse bobsled, reuilt and new box, ready to go Has ice break Call evenings 410-775-0507.

White tail deer disbursement sale -Bucks, $800/ea You pick out The best bloodline money can buy 215-754-6298

✂ CLIP AND SAVE ✂

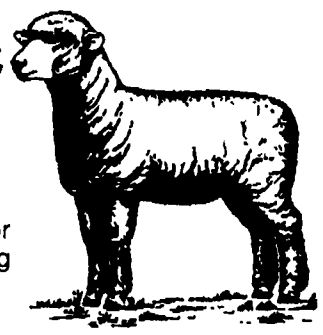
HORSE MANURE



Pick-up
Straw Only. 15 Horse Minimum

HY-TECH Mushroom Compost, Inc.
West Grove, PA 19390 • 215-869-0202

CONSIDER CORRIEDALE SHEEP



For these reasons:
Fall Lambing Potential • High Productivity • Dual Purpose • Superior Fleeces • Good Mothering and Milking Ability • Gentle Disposition • Medium Size • Long Lived • Easy Lambing • Excellent For Youth • Ideal For Northeastern Small Flocks

For Information & Breeder's List, contact:

AMERICAN CORRIEDALE ASSOC.
2911 N. 32nd Rd., Seneca, IL 61360

TENNESSEE WALKERS
Broke for trails. Reasonable prices! Let's make a deal! Large selection of good trail horses. Satisfaction our goal! We trade, breed, train & finance.
Sunny Crest Stables
717-225-4811

Reg Morgan horses, (2) 4 year olds, ride, drive 215-857-0155

Specializing in spotted and solid colored walking horses SPOTTED FEVER FARM 717-582-7831

MONARCH HORSE & STOCK TRAILERS
Frank Pierce
RD 1 - Box 360
Newmanstown, (Schaefferstown)
PA 17033
(717) 949-3246

MULES ON HAND YEAR-ROUND

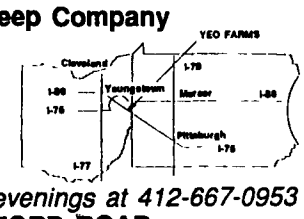
- 1 Black Lead Mule, 7 Yr. Old, Fancy..... **$1,800**
- 1 Sorrel Lead Mule, 10 Yr. Old Anybody Can Work..... **$1,200**
- 1 Pr. Line Mules, 16-2, Tame ... **$2,500**
- 1 Pr. 17-3 Hand, 4 & 5 Yr. Olds, Broke Well
- 1 17 Hand Black Mare Mule, 5 Yr. Old, Broke The Best
- 1 16-3 Hand Black Lead Mule, 8 Yr. Old, Broke
- 1 16-2 Hand Mule, 8 Yr. Old, Broke Lots Of Snap

CALL OMAR STOLTZFUS
(717) 299-3721

YEO FARMS CLUB LAMB SALE
2:00 PM SATURDAY, APRIL 24
1:00 pm PREVIEW OF LAMBS
AT THE FARM IN LOWELLVILLE, OHIO

- 40 to 45 exciting show prospects
- Proven winners: Previous years' lambs have been winners in many tri-state area, state and national shows, including:
  - New York State Fair, Syracuse NY
  - Keystone Jackpot Show, State College, PA
  - Keystone International Livestock Expo, Harrisburg, PA
  - National Jr. Shows, various locations
  - Eastern National Show, Timonium MD
  - North American International Livestock Expo, Louisville, KY
- Credits for winning lambs from this sale
- Guest consignor: Yellow Rose Sheep Company
- Near major interstates
- Larry Garner, auctioneer
- Snack bar available
- Mail bids accepted.

COME PICK A WINNER!



Call Laurie days at the farm or Joe evenings at 412-667-0953
YEO FARMS 2704 BEDFORD ROAD, LOWELLVILLE, OH 44436 216-536-6531 OR 8585

WOOD SHAVINGS/ SAWDUST FOR BEDDING
3½ Ton Truck Loads $125.00
717-299-6288
Free Delivery In Lancaster County

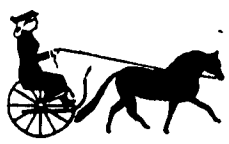
K & K HORSE SALE
Fredericksburg, PA
APRIL 24th
Directions I-78 to Exit #1, Lebanon Valley Livestock Market, Next To Esther's Diner on Old Route 22.

New and Used Tack 2 PM
Horses 6:00 PM

Information
717-334-7282 Steve
Day Of Sale 717-865-2881
Regularly Scheduled Sales Will Be Held The 4th Saturday Of Each Month 5/22, 6/26, 7/24, 8/28, 9/25, 10/23, 11/27, No Sale December.

SPECIAL SALE WITH HORSE TRAILERS BEING SOLD: 5/1

ROCKY MEADOWS



MINIATURE HORSES

WEANLINGS, YEARLINGS, BRED MARES, AND TRAINED DRIVING HORSES. MANY COLORS, ALL AT VERY REASONABLE PRICES

REGISTERED HORSES
ALWAYS AVAILABLE
AMHA/AMHR

LEO & EILENE BENIGNI
3633 Garnet Mine Rd.
Boothwyn, PA 19061
215-459-1244 (Eves)

10 SHEEP & GOATS

CLUB LAMBS AND REGISTERED COLUMBIAS
G&G FARMS
Club Lambs Sired By Our McIlrath Wether Sire, Super Long, Lots Of Muscle And Eye Appeal.
Gene and Garth Swelgart
Halifax, PA
717/896-8526

11 SWINE

Bankert's 11th Pig and Lamb Sale
Friday, April 30, 1993

7 bred gilts, 7 boars, 7 open gilts, 80 feeder pigs, 15 Hampshire high quality market lambs from Ron Trostle family Duroc, Hamp, Chester White crosses, Hamp Duroc cross, show pigs from selected mating to make lean, fast-growing show pigs.
Herd health: Pseudorabies free herd #76, validated herd #67. Good, clean fast-growing pigs.

For More Information Call
Rodger Bankert
Hanover, PA
717-632-4722

Colored Romney Sheep bred for top quality, silky fleeces Also, spectacular colored ram w/unusual masked face Bucks Co 215/257-7562

FOR SALE· Purebred Nubian buck kids, very gentle mothers DHIA and star milkers, father made top sire list, some spotted, certified herd, pasturized kids Cumberland County (717)766-9091

FOR SALE Small flock registered Romney sheep. Janet Zehr, 315/688-2600

Pygmy Goats, NPGA registered Sell out prices, 25 does to chose from, package deals 410-658-6845 after 5PM

Registered Rams 1-Black Romney $250 1-Shopshire $150 (717)523-1991 Days

SHEEP 11 ewes, 1 ram, 18 lambs, Suffold, Dorset, Polypay crosses, $1500 717/567-9235

SPECTRUM SHEPHERDING SERVICES, INC , C Soth, 410/557-9362, shearing, foot trimming, lambing, etc Wool classing, baling, marketing

Suffolk Ewe, 2 years, $150, Suffolk Ewe, 1 year, $125 609-387-8020

WANTED Looking for miniature Southdown lambs 609-455-8329 Salem Co , NJ

Want to Buy, Used Sheep Equipment, Blocking Stand, Shears, Etc 410-848-0171

WOOL WANTED ASAP! White-faced $ 48/lb, Black-faced or short $ 28/lb, Black wool $ 21/lb Cash paid on delivery C Soth, 410/557-9362

ROCKING "K" STABLES

117 Paradise Lane
Ronks, PA 17572
Lancaster Co.
(717) 687-8408

Australian Saddles and Oilskin Coats, Tack & Horse Supplies
Hitch Equipment

TOP QUALITY, AFFORDABLE STOCK & HORSE TRAILERS
CUSTOM BUILT ANY SIZE & STYLE

Bee Trailers

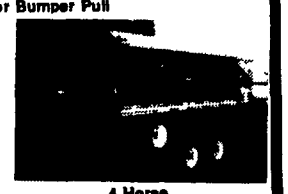
• FEATURES •
All Trailers Include
• Full under coating
• Rust preventive primer
• Automotive grade acrylic paint
• 2" treated, #1 grade wood floors
• Complete trailer steam cleaned in acid solution
• All seams and joints totally sealed - inside and outside

Four horse slant load w/dressing room and rear tack area.

Two through eight horse models available.

Gooseneck or Bumper Pull

Two horse with 5 ft. dressing room



4 Horse Stock Trailer

Llamas For Pleasure Or Profit

A Variety To Choose From
Free Delivery
LaMalot Farm
Breezewood, PA
814-735-4736

Llamas For Sale
1 gelding male and 4 females (1 bred, 1 open, 2 weanlings).
All ILR registered or eligible. Owners moving.
Priced from $400 to $3,000
(215) 827-7659

WINNERS CIRCLE
CLUB PIG SALE
SAT. APRIL 24, 6:30 PM
Centre County Fairgrounds
Centre Hall, PA

PUREBRED HAMPS, DUROCS AND YORK, HAMP, DUROC CROSSBREDS

For More Information, Directions, or Confidential Phone Bids - Dave
HOLLOWAY DUROCS
717/235-6966

10 SHEEP & GOATS

100 Polypay Ewes, some Reg , records, buy any number Lambs to 5 years old Lancaster Co 717-653-5675

18 Nov born twin Dorset Ewe Lambs 717-966-3946

1/pr Shetland Sheep, Jacobs, 4-horn ram lamb, 2 pygmy goat kids females for sale Lancaster Co 717-656-0038

1 Suffolk, 4 Dorset Rams, Pine-Haven, P S U Myer, Wagner breeding, 1-3 years Your choice $150 Dauphin County 717-367-4674.

(2) Southbound yearling rams, (1) 4 year old Dorset ram, large. Registered Dorset & Southbound Spring lambs available Good stock for 4-H. Will deliver 215-459-0408 Weekdays after 6PM, Weekends anytime

Add health and vigor to your flock w/purebred Scottish Black Face rams Good selection available (215)267-4463 Dunvegan Farm, Lancaster Co

ANGORA GOAT HERD REDUCTION ---Purebred and whites carrying color genes, kids, adults 215-257-8847 Evenings

Bred Ewes For Sale- Flock Reduction OVER 400 EWES TO CHOOSE FROM, mostly Polypays YOUR PICK $50/each Amhurst, VA 804/922-7676

CLUB LAMB AND PIG SALE April 30, 1993 4-H & FFA members- a chance to select both lamb and pig from a sale that has a history of selling many winners for a long period of time 717/757-6062.

11 SWINE

WEY FARMS
Hampshire and Shropshires for Sale
Top Show Prospects and Breeding Stock
Beginning April 24.
Club Lambs, Ewe Lambs, Ram Lambs
For Information Contact:
RON MILLER
215-682-4009

11 SWINE

THE WINNER'S CIRCLE
11th ANNUAL CENTRE COUNTY CLUB PIG & LAMB SALE
SATURDAY, APRIL 24th
6:30 P.M.
At the Centre County Fair Grounds
Centre Hall, PA

Selling Approximately 120 Project Pigs and 35 Project Lambs
Consigners
SWINE: David Holloway
Charles & Mark Hall
Harold Harpster
Kim Witmer
LAMB: David Harpster
Eugene Berkey
Circle K Suffolks

For More Information Contact:
Ken Fetterolf
R.D. 2, Box 124
Centre Hall, PA 16828
Phone (814) 364-9901
or
David Harpster
Box 146
Boalsburg, PA 16827
Phone (814) 466-6669

11 SWINE

Registered Hampshire Boars, Qualified Herd, Delivery Available, $350 to $400. Four Oaks Farm 717-528-8831.

Yorkshire and Hampshire boars and gilts from healthy and productive herd, Delivery available Charles B. and Mark W. Hall, RD#1, Box 263, Julian, PA 16844. Centre County. (814)355-1647.

ATTENTION HOG FARMERS
Packers Want Lean Hogs
Improve Your Herd Genetics By Calling
THAMES BEND PENN
JAY & CLAUDETTE HORST
410 Valley View Rd., P.O. Box 83
Schaefferstown, PA 17088
717-949-3381

YORKSHIRE, HAMPSHIRE, DUROC, LANDRACE & HYBRID BREEDING STOCK
CANADA'S LARGEST PUREBRED ROP TESTING HERD

HARPERS VALLEY FARM
Home Of The Great Breeding Stock
Landrace, Yorkshire, Duroc, Hampshire, F-1's

Breeding Swine Sale
Saturday, April 24, 1993
7:00 P.M. Night Sale - Delivery Available

30 Bred Gilts Due April-May - Bred To Test Station Boars, Yorkshire, Duroc, Landrace.
20 Open Gilts- Purebreds And F-1's.
10 Boars- Ready For Service- Pure York And F-1's.
Scanning Report On Boars And Gilts From October 17, 1992 Sale.
Boars Avg. Wt. 275 Lbs. L.E. 5.85 B.F. .71.
Gilts Avg. Wt. 250 Lbs. L.E. 5.65 B.F. .85.
Pseudorabies Free Herd #58 Validated Herd #92.
Health Charts On All Animals, "Please Check What Your State Requires"!
Sale Catalogs Available.

Farm Directions: 20 miles East of Harrisburg, I-81 Exit 29E. Go ½ Mile South On Route 934 Or 6 Miles North Of Annville, On Route 934, Harpers, Pa.

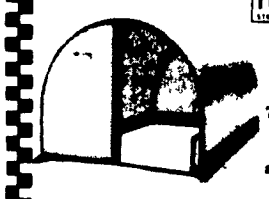
Bryan L. Blatt
R.D. #2 Box 513
Annville, PA. 17003
Ph. #717-865-0412
Ph. #717-865-4842

Sale Held Rain Or Shine
Residence and Sale Barn- If No Answer Call-

Enclosed Facilities
7 PM Night Sale
6 PM Lunch

Auctioneer Harry H. Bachman AU-0000-33-L

PORT-A-HUT
14 Peterson Dr., Storm Lake, Iowa 50588
712-732-2546
Manufacturer of quality, affordable hog and calf huts since 1963.



Large Shelter By Port-A-Hut

Individual Farrowing and Calf Hut by Port-A-Hut
All steel completely assembled, ventilated, 7½' long, optional front doors, guard rails, pig rollers and pens. 15 huts can be stacked and loaded on a pickup.

Approximately 12' wide, 7' high, preassembled 7' sections giving you a choice of 7', 14', 21', 28' length. Can be hauled in a pickup. Approximately 2 hours set up time. 20 guage wall protectors added on inside. Optional front closure. Built for livestock. Can be used for almost anything. Skids included. New Size: 14' wide, 8' high, 14', 21', 28' length"

LEMMON FARM, 855 Alexander Spring Road, Carlisle, PA 17013
(717) 249-8434

Russell Kegg's
"CROWN OF QUALITY"

FEEDER PIG & PRODUCTION SALE
SATURDAY, APRIL 24TH - 1:00 P.M.
BEDFORD FAIRGROUNDS, BEDFORD, PA

FEATURING:
- **100 - FEEDERS** SPOTS, CHESTERS, DUROCS HAMPS & CROSSBREDS
- **20 - OPEN GILTS** SPOTS, CHESTERS, DUROCS YORKS & HAMPS
- **25 - BRED GILTS** SPOTS, CHESTERS, DUROCS YORKS & CROSSBREDS
- **10 - BOARS** SPOTS, YORKS

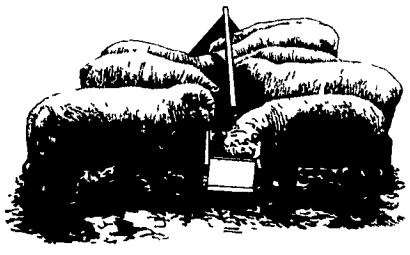
CHAMP RATE OF GAIN & CARCASS
92-INDIANA CO. FAIR

RUSTY ACRES
RUSSELL KEGG
R.D.1, BOX 325
BEDFORD, PA 15522
814-623-8981

GUEST CONSIGNOR
JIM PARLETT
R.R. 2
AIRVILLE, PA
717-862-3610

2nd Annual
Project Show Pig And Lamb Sale
Sponsored By White Oak Mills To Benefit 4-H And FFA

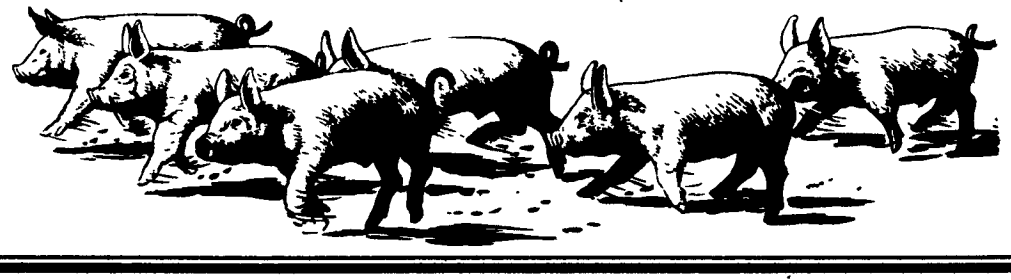
Friday, April 23rd
7:00 P.M.
Elizabethtown Fairgrounds



West on route 230 to Elizabethtown Square, Turn Right onto High Street, Go approximately 1.5 miles (pass high school) to fairgrounds on right.

Approximately 200 Head (Many Colored)
Weighing From 40 lbs. to 80 lbs.
All Animals From Validated Or Monitored Herds

Auctioneer: John D. Stauffer, AU-1509
For More Info. call 1-800-468-5524 or (717) 665-7283
Refreshments will be available



11 SWINE

Duroc, Yorkshire, Spotted, Chester White & Landrace Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052 215-799-3375 or 3831

FOR SALE-Yorkshire Service Boars Elwood E Houser, 2150 Quentin Rd, Lebanon, PA 17042 717-272-5798 o 273-2921

One 11 month old boar, (1 5 month old boar, both ou. of Birchwood Genetics Skyhook (1) 10 month old Duroc boar out of Shipley's Canada (2) 11 month old first litter sows out of Skyhook and (1) 5 month old gilt out of Skyhook Going out of business (814)687-3810

TOP QUALITY FEEDER PIGS
Weekly. LEAN, CLEAN, HEALTHY. Hatfield kill 3/30/93. Average LEAN CUT, 58.85%. It's money in your pocket. Sold on farm or at New Holland Sale Barn.
717-345-8035

COMMERCIAL BOARS
5 Black - Avg. 265# Fat .57 avg., Loin 6.19 avg.
6 White - Avg. 271# Fat .62 avg., Loin 5.62 avg.
32 head killed at Hatfield 3/31/93 avg. 58.85 lean cut
717-345-8035

Quality FEEDER PIGS For Sale From Pseudorabies Free Herds
Fred Patterson
615-364-7050

SPOT BOARS
* Performance Tested
* Carcass Cutability
* Aggression
* High Health Security
* Guaranteed
* Delivery
FREE VIDEO AVAILABLE
BRIAN LAKE
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717-573-2823
Box 86
Needmore, PA 17238

For Sale: Chester White & Duroc Boars & Gilts. Boar's With Excellent Scan Figures By Real Time.
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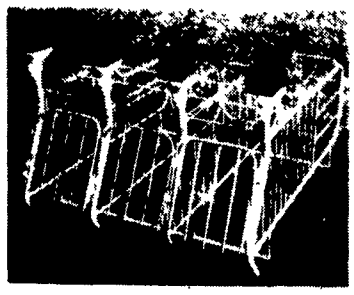

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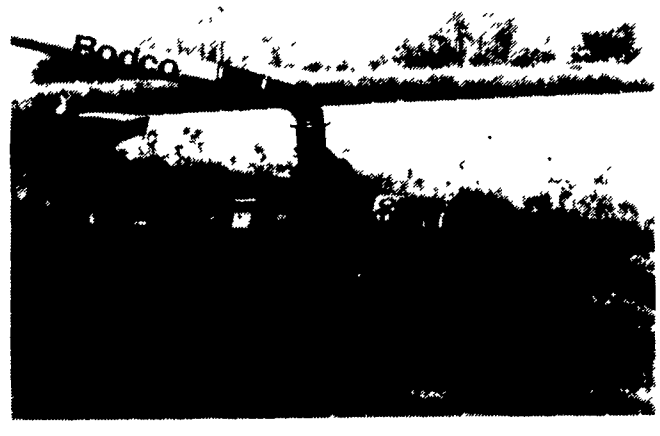

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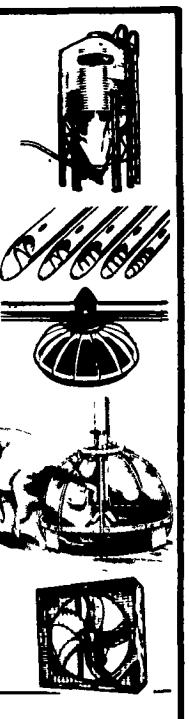

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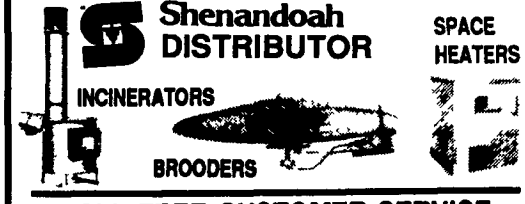

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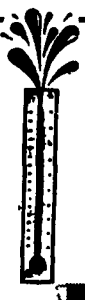

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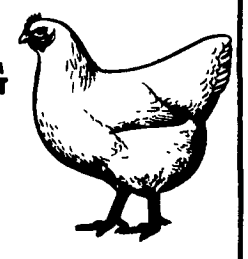

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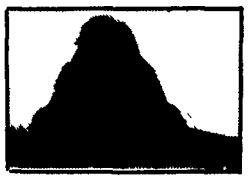

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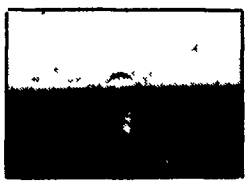

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8" - 14" 2-2 transplant	0.65	0.75	0.540
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(717) 567-6782

Custom corn and bean planting, southern York County and northern Harford County area (717)382-4659.

Haybuster 107 no-till drill for rent York and surrounding counties $10 per acre (717)741-2079

PENNWOOD FARMS' Liquid manure hauling, 3800 gal vacuum truck, lagoon pump available Also 3600 gallon spreader tank for rent Berks, Chester, Lancaster Counties. Call (215)286-7378, (215)286-6489.

Skid loader work or manure handling. Reasonablly priced! Distance is no problem! (717)944-6996.

Warner Liquid Transport Liquid Manure Spreading, Septic, Water (717)464-0841 after 5:00

Kelly Ryan
~~CENTERLINE~~
BIG BAGGER©
AUKER'S CUSTOM BAGGING
2 Kelly Ryan Centerline
Will Travel Up To 60 Miles
Strictly Power Take Off
Fermentaion aid available
NC+ hybrids
"A tighter pack for a better ferment"
JOHN S. AUKER, PROP.
Myerstown, PA 717-933-5224

CATTLE HOOF TRIMMING
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(717) 284-5710
(717) 464-1344
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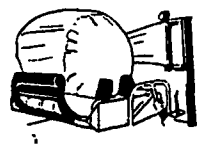
Silver Creek Supply

Dealer Inquiries Welcomed

BALE GARD® STRETCH FILM



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"12 month warranty on all sizes Black & White "
Available Black or White
20" 5MFT/roll 1 mil - 41#/roll - 32 rolls/skid
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GRO TUFF HAY BAGS & SLEEVES

Bag Diameters	53" - 59" - 66" - 72"
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Made in the USA - Buy American-made Products and Support Our Country.

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Custom Liquid Waste Hauling & Spreading
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Lebanon, Pa.

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Eliminate storage losses and have a silage that's the most palatable and packed with nutrients!

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★ Truck Or Wagon Unloading Baggers Available To Rent

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Pennsylvania
814-587-2486
Oregon 1-800-334-7432

23 HELP WANTED

$35,000/YEAR PART TIME Ag Related Field, For Free Information Please Call 208-733-2323, or write A S A A Box 186, Twin Falls, Idaho. 83303

'93 harvest help wanted, combine operators and truck drivers, CDL preferred, Mark, (316)585-2405

Assist Owner with General Dairy Farming, must be experienced with milking, non-smoker, non-drinker Good salary, housing. 410/472-2623.

Combine Operators and Truck Drivers for summer and fall grain harvest. Experience and references necessary Guaranteed wages plus room & board. Jack McCreery Harvesting, RT 1, Box 60L, Burlington, OK 73722, 405/829-4427, 316/825-4698.

Entry level sales position available w/National Company. NO experience necessary, will train $12,000 yearly salary, plus commission. Company vehicle and expenses provided. Excellent benefit package. Call anytime 215-940-7709.

Equipment demonstrators wanted to show revolutionary new automatic wagon hitch to local farmers and equipment dealers. Must have farm background Age no barrier. Full time, part time. Start at once, 1-800-55HITCH

Experienced dairy help wanted References a must WRITE. POB 493, Wellsboro, PA 16901

Experienced farm worker needed for 120 Holstein cow herd, dairy and general farm work, housing and benefits provided Frederick County, MD Call after 6PM, (301)662-7308

Farm hand needed on large family dairy farm, duties include feeding, milking and light field work Salary, benefits and 2 bedroom housing Lehigh County, 215-298-2381 or 298-3067.

Farm help needed to work on beef cattle farm. Preferred experience w/cattle and farm machinery. Competitive wages, housing and insurance Somerset Co, NJ 908-221-9142 leave message, 908-953-9001 Evenings

FT Cabinet Maker to Build Solid Wood Furniture and Cabinets. Shop Location Near Morgantown Bergs 215-856-7095

Full Time Dairy Farm Position in Southeastern York County Housing available Call for an application (717)862-3117

Herdsperson wanted, Butler County, modern facilities, tie stalls, top production House provided and other incentitives including herd equity Send salary requirement w/resume and references to (G115) Lancaster Farming, PO Box 609., Ephrata, PA 17522

Lawn Mower Operator needed to run Grasshopper. Fulltime work, April to December. Call Dan after 6pm, (717)859-2706.

Long distance truck driver Must have class three Call (717)733-8860.

Masonry/Landscape help, full time, must have drivers license, Havertown, PA area 215/446-4242.

Needed truck drivers and combine operators for 1993 summer wheat and fall harvest. Single men preferred Monthly wage and board and room provided CDL required for truck drivers 316/486-3213

OUTSIDE SALES REP Progressive building materials dealer expanding sales force. Outside sales experience in building materials industry and proven track record required Salary, commission, bonus, company vehicle, and benefit package Knowlege of material take-offs a plus Please send your RESUME INCLUDING SALARY REQUIREMENTS to J-48, Lancaster Farming, P O Box 609, Ephrata, PA 17522

Part-time help wanted HY-LINE INTERNATIONAL, Mt.Joy, 1-2 days a week vaccinating, sexing pullet chicks. Call 717-653-6777

Person for milking, feeding and caring for cows 125 cow pipeline barn Experience and references necessary. Housing and benefits 717/464-3752

Person to work on 90 cow dairy Dairy and general farm work. Housing and benefits included 717/786-8944

Prefer husband/wife milking team. To do milking in parlor and some herd health. Jefferson Co 814/365-5125

Prefer young knowledgeable ambitious couple with experience. Like cows, want to own-into herd-&farm Exceptional opportunity If you lose temper with cows don't inquire References required 703-825-6682

Truck driver wanted, CDL, $1000+ per month (316)543-2412.

Truck driver wanted, OTR, must have CDL w/tank and hazerdous endorsements 2 years tank experience required 215-857-3245 Evenings

WANTED Custom Harvest Truck and Combine Operators, May 15 Thru November Experience Preferred But Not Necessary Long Hours, Good Pay 316-947-3673

WANTED. Someone to take down and remove 2 story house, located in Mt Joy/Rheems area Call 717-653-6777 if interested

Young ambitious man to help with registered Holstein herd Wages, house, insurance, etc. Frederick Co ,MD 301/662-7086 after 6 00 PM

Young Motivated Individual to Milk Approx 180 Cows in a Double 8 Parlor 717-272-7566 for an Application

Ft. Cabinet Maker to Build Solid Wood Furniture and Cabinets. Shop Location near Morgantown. Bergs
215-856-7095

HELP WANTED
Oklahoma Custom Harvester Needs Truck Or Combine Operators For May Thru October Wheat Harvest.
JOHN GOSNEY
405-227-3452
HERB KLIEWER
405-227-3900

Part-Time Help - Lancaster Area. Dairy Equipment Sales, Dairy Equipment Installation, Approx. 30 Hrs. Per Week.
LANCASTER DAIRY FARM AUTOMATION
1-800-422-4587

HELP WANTED
Looking for farm work? The Pennsylvania Farmers' Association can computer-match your qualifications and experience to its members' employment needs No fee is charged If interested, send self-addressed, stamped envelope to:
PFA, Ag Employment Opportunities
P.O. Box 8736, Camp Hill, PA 17001-8736

HARVEST - TEXAS TO MONTANA
Need combine, truck and tractor operators. Farm work wheat and fall harvest. Must have experience operating trucks and farm equipent. May thru November
FRANZ HARVESTING
316-227-7679

Couple Preferred For Small Estate, Draft Horse Experience, Maintenance, And Care of Farm and Grounds. House and Utilities Furnished. Excellent Opportunity. References Required. Only Experienced Need Apply.
Call After 7:30 PM
201-786-5581

TURKEY FARM MANAGER
Individual Responsible For Turkey Operation With 150,000 Plus Annual Production.
Responsible To Work With Other Employees And Growout Service People.
Salary, Housing And Medical Plan.
WRITE: R-9
%Lancaster Farming
POB 609
Ephrata, Pa. 17522

Position Available In 850 Sow Confinement Barn In Northern Lancaster County
(215) 267-3710

Farm & Construction Equipment Technician Needed
Must be proficient with gas & diesel engines, transmissions, hydraulic and electrical diagnostics.
10 years experience required.
With benefits.
FINCH SERVICES HANOVER, INC.
717-632-2345

Person, Couple or Family to work on 70 cow dairy farm. Stall barn. Must be good with cows. Interest in registered Holsteins a plus. Barn and field work. References required. Housing available.
717/367-3667

JOIN AGWAY
as a Dairy Route Salesperson

If you like selling and enjoy working with the agricultural community, we have a great opportunity for you!

We need candidates for on-farm route sales of dairy supplies and animal health products in the Southeastern, PA area.

Agway offers an excellent commission program, great benefit plans and opportunities for advancement.

Please send your resume to:
Dennis H. Heisey
P.O. Box 453, Elizabethtown, PA 17022
EQUAL OPPORTUNITY EMPLOYER

DAIRY EQUIPMENT & SUPPLIES-SALES OPPORTUNITY

Large, expanding dairy equipment company seeks highly motivated person for sales position. Agricultural sales experience preferred. Above average income, fringe benefits, vehicle provided, paid training.

Mail resume to: R-7
c/o LANCASTER FARMING
PO Box 609, Ephrata, PA 17522

POULTRY FARM MANAGER

Full time position for mature, motivated, dependable hard working person. Must be mechanically inclined & reliable. Excellent opportunity for the right person. Knowledge of poultry experience preferred. Only those who are serious need to apply. Housing available. References required.

Brey's Eggs
Kenoza Lake, NY
914-482-5248 after 6:30 pm

Farm Help Person Needed For Farm Estate

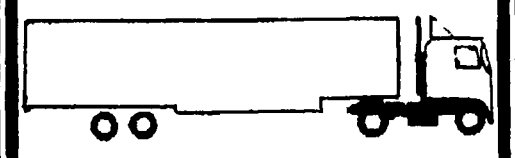
Newtown Square, PA.

Must like to run farm machinery, be mechanically inclined. House, electric, heat, health insurance, salary furnished.

215-356-8320
After 5 PM

Immediate Job Opening Full-Time Agronomic Sales Representative

Territory: Carlisle. Cumberland Co. and surrounding area.
Agronomic background or degree, sales experience, application familiarity required. Salary, benefits, vehicle, expenses, bonus program.
Reply to:
Lebanon Agricorp
Box 1378
Allentown, PA 18105
800-637-5190



ATTENDION CDL DRIVERS

Drivers with current CDL wanted.
Immediate openings.
Call
1-800-356-2221

SWINE UNIT MANAGER TRAINEE

Applicant needs to have:
- Desire to work with livestock
- Good people skills
- Goal oriented

Will train in Delaware and relocate in 1-2 years

Please send resume to:
Purina Mills, Inc.
P.O. Box 248
Camp Hill, PA 17001-0248
Attn: Hog Business Group

23 HELP WANTED

Assistant Farm Manager near West Chester, PA beef cattle and crops, house, heat, electric, Blue Cross supplied by owner, Must be hard worker w/good references (215) 399-1399 after 7 PM

24 SITUATIONS WANTED

Couple Would Like Work Dairy Farm or Estate Preferably from Retiring Couple Life Time Experience and Have Ref (717)924-4516

Experienced Dairy Science College Graduate seeking herdsman position within hour of Ithaca, NY Call Bill 703/344-2173

25 BUSINESS OPPORTUNITIES

24 SITUATIONS WANTED

Non-Smoker/drinker, Christian farmhand in exchange for room/board 914-343-2920

Two experienced farmhands worked as a team on same farm for 15 years, pipeline, parlor and computer feeding experience Can do all farming requirements Housing for 5 required 717-677-4496 anytime, if no answer leave message

WANTED Farm house to rent w/barn for beef cattle up to 10A Lancaster, York, Adams County Write Box R-8, %Lancaster Farming, POB 609, Ephrata PA 17522

25 BUSINESS OPPORTUNITIES

25 BUSINESS OPPORTUNITIES

DEALERS WANTED! Start your own business, sell famous Watkins flavorings spices, home remedies, quality since 1868! Great Opportunity, FREE Information Call THE HERB MERCHANT, 70 West Pomfret St, Carlisle, PA 17013 717-249-0970

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For Sale Remodeled grocery store Meets all labor industry, DER requirements Equipment is new NSF approved Full sized house above business, 3car garage attached Ready to grow with new ownership 717-536-3252 or 717-536-3431 or 717-536-3389

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Unique Homemade Crafts
And Art Products
The Craft Gallery - Oxford, Pa., offers a retail outlet for your crafts/art.
We will sell on consignment or discuss our purchase policy.
Call Dawn
(215) 932-5250

TURKEY CONTRACTS AVAILABLE

ROUND HILL

* INCREASE CURRENT CASH FLOW
* COMPLEMENT EXISTING FARM OPERATION
* TAKE RISKS OUT OF CHANGING MARKET PRICES
* RENOVATE EXISTING POULTRY HOUSING

ROUND HILL FOODS OF NEW OXFORD, PA, A DIVISION OF WAMPLER-LONGACRE TURKEY, INC. IS EXPANDING ITS GROWING OPERATIONS IN SOUTH CENTRAL PA AND NORTHERN MD.

IF YOU ARE INTERESTED IN BECOMING A CONTRACT HEN OR TOM TURKEY GROWER WITH THE SECOND LARGEST TURKEY PRODUCER IN THE U.S., PLEASE CALL JOHN MENGES AT
(717) 624-2191, EXTENSION 242, TODAY!

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A central PA based distribution firm is looking for ambitious entrepreneurial minded people to market their line of environmentally sound products.

Individual(s) must be interested in personal growth and have a desire in preserving the earth's ecological balance.

Our multi-faceted products cover a wide range of innovative subjects including auto products, medical supplies and environmental industrial equipment and services.

If you are already involved in sales, Eco-Tech products will appeal to your existing client base.

Interested in taking control of your future and personal growth, and at the same time, doing something for the environment?
Call Eco-Tech to meet with one of our representatives and discuss the possibilities!
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26 HOUSEHOLD

Cookstove for sale Burns wood or coal White Monarch No warming cabinet Looks like an electric stove Perfect for Amish or Mennonite families, also for hunting camps, etc $300 (215)589-4261 Call if interested

APPLIANCES

Central PA's oldest & largest used only appliance store now open in Lebanon. Over 150 rebuilt appliances to select from. All appliances guaranteed 1 year.
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15 S. 9th St.
Lebanon, PA
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26 HOUSEHOLD

Maytag wringer washing machines All types Round, square, electric, air, gas Ready to go! LEACOCK SHOE STORE 717-768-7440.

AREA RUGS

QUALITY CARPET CHEAP!!!

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McGEEHAN CARPET
1230 Brunnerville Rd., Lititz
Mon., Wed., Thurs. 6 PM- 9PM
Sat. 8 AM - 3 PM
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27 PETS

Deer raise your own pet deer Whitetail, Sika and Fallow, bottle started fawns available in June Also available limited number White Whitetail Fawns 717-677-7206

FOR SALE Registered Border Collie Pups, 7 weeks, Lancaster Co 717/859-2694

For Sale Adorable Purebred Arctic Wolf Pups Born March 21st Available May 2nd Rare to Area $1000 Schuylkill County (717)345-8626

FRESH FROZEN MEAT FOR DOGS & CATS 215/286-9400, 800/234-2697

Keeshond Pups, 7 weeks/$45 Keeshond male, 14 mo /$75. No Sunday calls 215/267-0335

Mastiff Stud Service Champion Sired Also one year old fawn female, pet quality, $200 717/442-9208

Pure bred Australian Blue Heeler pups Very reasonable (301)478-2737

Registered Australian Cattle Dog Pups, Queens Land Blue Heelers Very Good Farm Dog, Born 3/9 Call Between 4 and 8PM 717-355-9887 No Sunday Calls

Toy Fox Terrier Pup, female w/papers, ready now Benuel Zook, 449 N Shirk Road, New Holland, PA

WANTED

PUPPIES
JACK'S DOG FARM
RT 611
PIPERSVILLE, PA 18947
215-766-8802

CASH FOR PUPPIES

IN LITTER LOTS
For Resale As Pets
Cash Paid
Will Pick Up
Call Charlie Hackett
For Prompt Pickup
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AUSTRALIAN SHEPHERD PUPS
Shots & Wormed, Good With Children!
WOOF-N-HOOF MEADOWS
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27 PETS

6 month old AKC white German Shepherd pup Excellent protection and companion 4 year old female white German Shepherd (216)532-4224

Australian Shepherd Pups, purebred, no papers, $60 717/532-3989, call before 8pm

WANTED TO BUY Puppies and Kittens for resale in pet store Fair price paid Call Norman Wheeler 215-380-1445.

WANTED Puppies For Pets

AKC, Purebred, Mixed Litters.

Stud service for most breeds.

Transportation provided

Forest Ridge Kennel
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Paradise, PA 17562
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31 NOTICE

Fellow farmers are you currently experiencing financial difficulties or have you had difficulties in the past? For helpful information phone 717-653-0214

Metal coatings by Eutectic Castolin 2 2 lb containers #19850 aluminum bronze alloy (3)avail #19985 Rockwell #85 hardness requires bond coat (5) avail #25000 bond coat (1)avail #50,000 bond coat (1) avail $200 for the lot Bill, 717 273-1181

Notice for those of you who are serious about fuel conservation, a new breakthrough in HYDROGEN TECHNOLOGY is now available to the public REDUCE FUEL CONSUMPTION UP TO 20%, reduce engine wear and increase engine performance Call Hydro-Tech now, 717-933-9016

Wanted standing timber and/or recent blow down, 4+ acres, professional forester, 20 years experience 717-865-5157 after 7 p m or leave message

INVITATION FOR BIDS

The Lancaster Conservation District is requesting bids for the construction of a manure storage system to be funded in part by the Chesapeake Bay Program Construction is expected to begin during the Spring of 1993 The site is located in Strasburg Township, Lancaster County.

Prospective contractors will receive a bid package which contains Instructions to Bidders, a sample contract form, the plans and specifications for the project, and a bid sheet.

Small and minority businesss and women's business enterprises are encouraged to respond to this invitation for bids.

Sealed bids will be accepted until the public bid opening at 9:00 A.M. on May 12, 1993

To obtain a bid package, contact the Lancaster Conservation District at
Room 6,
Farm and Home Center
1383 Arcadia Road
Lancaster, PA 17601
(717) 299-5361

AKC PUPPIES WANTED
All Breeds - Part and Whole Litters
Resold As Pets - We Pick Up
DON'T SELL TILL YOU CALL US
"CALL NOW" 717/822-2033

JO JO THE DOG MAN

PUPS WANTED
Daily Pickups In Penna
I Need All Types, Pure and Cute Mixed Breeds and Barnyard Specials.
All Pups Must Be Cleaned And Healthy And Free Of Bugs To 8 Weeks Only.
For Extra Prompt Reliable Pick-up Call Mon., Tues., or Wed.
1-800-392-4953 7-9 AM
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$75 each
Black or White
Male or Female
Buy 10 or More
$50 Each
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- Galvanized Tubing
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Quality Fencing & Supply
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32 MISCELLANEOUS

MEAT CUTTING BAND-SAW, $323 Call 800-445-4669

Mennonite carriage in fair condition, Couple 1000' irrigation pipe 717-354-4430

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Queen box springs, mattress, Lazyboy recliner, like new, (2) Flexsteel recliners, new trash compactor, stereo, air compresser, refrigerater dolly, gas brushwacker. (410)357-5820

471 Detroit Diesellll completely rebuilt, needs head or head gasket $1,200 o b o 215-298-2566

SAVE MONEY ON WOODWORKING MACHINES!
Band saws, jointers, planers, routers, scroll saws, drill presses, table saws, sanders, lathes, shapers, dust collectors & more in stock 30 Day Free Trial! 1 Year Warranty Call For Low Prices 1-800-445-4669 Terre Hill, Pa

Steam Jenny Super 200-C Pressure Washer and Steam Cleaner, Excellent Condition $650 609-567-0470 Evenings

Steam traction engine 1/4 scale, excellent, $8,500 Antique couch, perfect Candlewick punch bowl 15 pieces, $175 firm 717-624-8631

Sterling Co, Derby, CT, PUMP ORGAN, late 1800's, knee bellows, excellent condition, needlepoint stool, $900 609/478-2105

WANTED Used tools and machinery Buy, Sell, Trade, Consign or Finder B J TOOL & SUPPLY, RT 422W, Myerstown, PA 1-800-772-9845

32 MISCELLANEOUS

23' Dodge Mini-home, 2 forges Schuylkill Co 717/345-3639

(2) Mobile homes, 14x60' w/3BR, 12x55' w/3BR Best offer 410-442-2114 after 6PM.

75' layover antenna tower with winch, reversable transmission and 1½ HP motor Reese -Class III trailer hitch 717-354-0605

Deer Farming, breeding stock, handling equipment Information Whitetails, Sika, Fallow deer, custom tranquilizing, TB testing assistance Mike White 607/359-3921

Drafting table, Large Frame Simplicity Revitalizer, ¾" Snap-on socket set, (2) Michelin P175/70R14XA4 215-579-2501

Farm Toys-Collector Series, Show Tractors, Pedal Tractors, Trucks-for sale at all times Visit our large display during business hours Wengers Farm Machinery, Inc , 251 S Race St , Myerstown, PA 717/866-2130

FOR SALE Used golf carts, gas and electric, 3-wheel and 4-wheel Prices as low as $700 Also used 36-volt electric motors Ideal for fishing boats, $175 Call 717/624-2900

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Weakfish/blue/flounder/tuna Book now for summer season Call Captain Jim, Cape May, NJ 609/624-1461, Maid Marian Charters, Mt Joy, PA

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Fish for Stocking Table Trout

PAINTED STEEL ROOFING & SIDING
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AS LOW AS $32.00 per/sq.

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LIVE GAME FISH Fingerlings and Adults, Large and Small Mouth Bass, Spotted and Rock Bass, Bream Crappies, Trout, Channel Cats, Bullheads, Walleyes, Perch, Minnows, Northerns, Pickerel, Muskies, Red Gills, Mullets, Carp, Eels, Turtles, Frogs, Israeli Carp Also Aquatic Plants and Water Lilies COLORFUL CATALOG $2 00.
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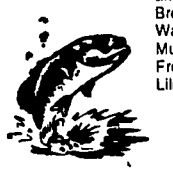

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DRIFTING, PENNA. 16834
Phone: 814-345-5357

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Serving Restaurants, Game Assns., Private Stocking For Over 30 Years
Call For Price Quotes
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Must Pick It Up, No Delivery
Price Is $145 for 8' Long Pickup All You Can Load
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Save the Environment!
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At Only
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Plus U.P.S. Rate

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The ultimate preparation for the management of pain. ATAC™ lotion delivers pure aspirin directly to the area of discomfort. Other lotions, creams and rubs do not contain aspirin. Send $22.45 postage included or write for more information.

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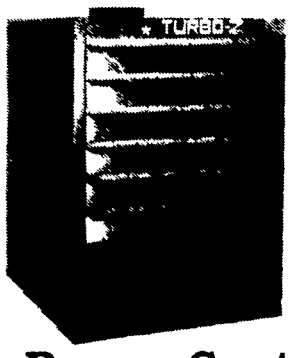

90,000 - 260,000 BTU Units
10 years combustion warranty.
A safe way to dispose your waste oil.
Over 13 years experience.
Electronic air, Fuel control modules give dependable performance.
Prices starting at $2,195.00

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Irrigation System
6" pump, 8 cyl. Chrysler Engine, 6", 4" and 2" pipe. Covers approx. 12 acres. Lots of sprinklers, elbows and fittings.

Used Wooden 8 qt. Strawberry Trays good for pick-your-own operation.

Phone after 5 pm (717)633-1239

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1976 27' Pace Arrow Motor Home, 440 Dodge engine, air, power brakes, cruise control, new inspection sleeps 8, lots of extras, 45,080 miles, $11,500 717/354-0273

1977 Dodge Coachmen van-type motor home, 360-V8, sleeps 4, self-contained, well kept, $5000 717/656 4343 after 4 30pm

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30-ft camper trailer $1,500 OBO Located Arcadia Farm Campground, Morgantown PA 2 miles from Hopewell Furnace NHS Consider trade for car with PA insp (215)844-1236

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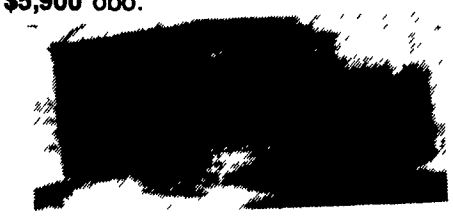

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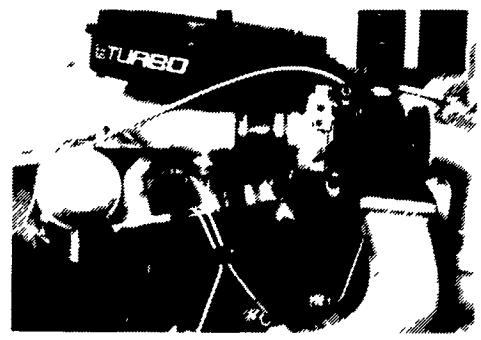

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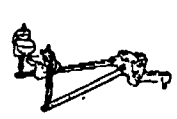

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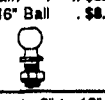

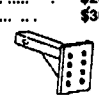

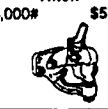

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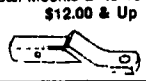

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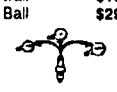

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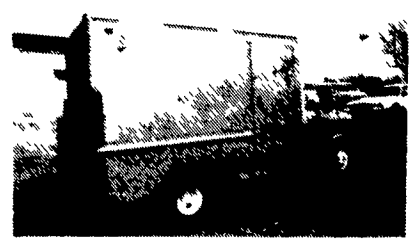

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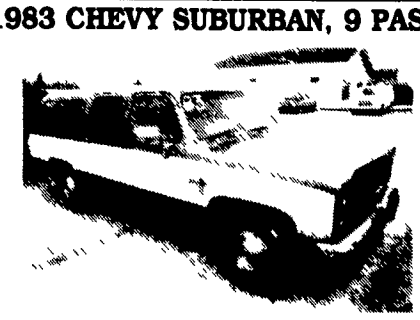

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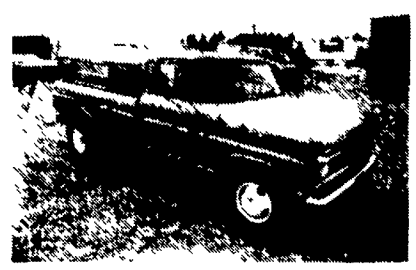

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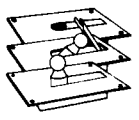

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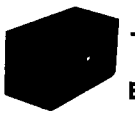

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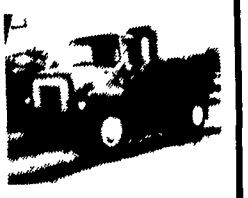

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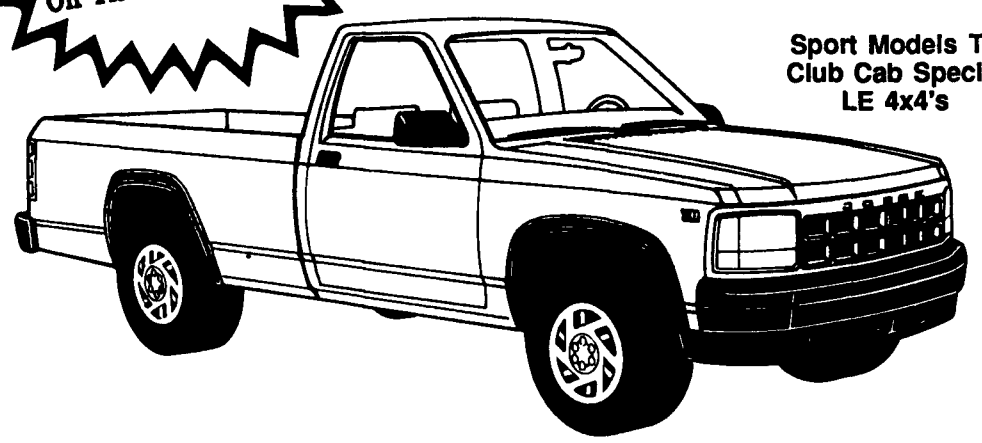

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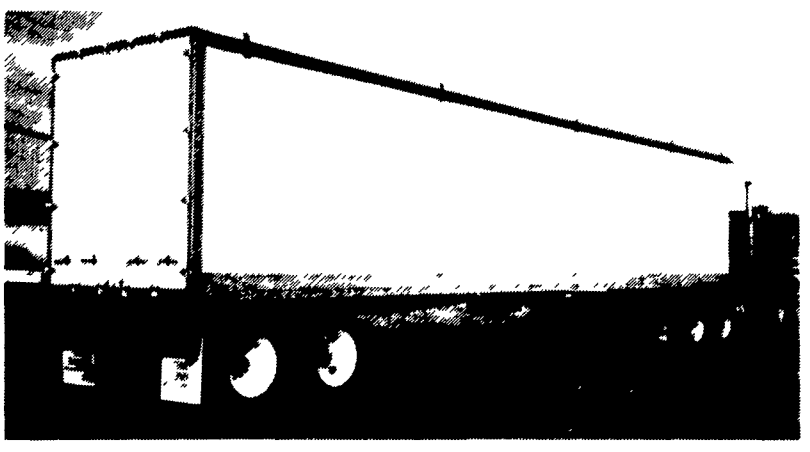

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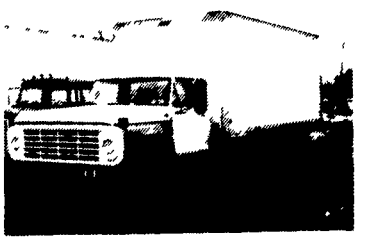
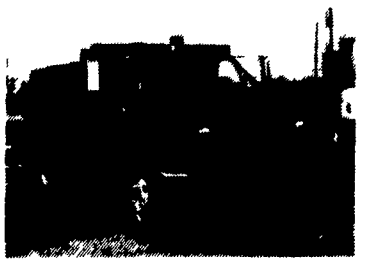


1975 Ford F600 Gas Engine, 4 Spd, 20,200 GVW, 16' Van Body



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1993 4 Dr S10 BLAZER HDQS
$3800 00 # 329
Is $2000 Off MSRP & A $1000 Rebate Plus A $800 Fact Equip Pkg Disc New 93 Chev S-10 Blazer 4 Dr 4 Whl Dr Tahoe Model W/DAA2 Pkg V6 AT AC VIN P2164174 MSRP ★ $20,799 Our Price $17,799

1993 ASTRO PASS MINI VAN HDQS
$3455 00 # 096
Is $1805 Off MSRP & Includes A $1000 Rebate Plus A $650 Fact Equip Pkg Disc New '93 Chev Astro Pass Ext Mini Van Mdl W/PEG ASA2 V6 AT AC VIN PB162770 MSRP ★$17,704 Our Price $14,899

1993 S-10 PICKUP HDQS
$4107 00 #063
Is $1044 Off MSRP & A $750 Rebate Plus A $2313 Fact Equip Pkg Disc New '93 Chevy S-10 Pickup 2 Whl Dr Tahoe Mdl W/PEG AAA6 V6 5 Spd No AC, VIN P0108167 MSRP ★ $10,393 Our Price $8599

1993 4 DR SUBURBAN HDQS
$2764 00 # 001
Is $2764 Off MSRP. New '93 Chev C-1500 2 Whl Dr Silverado Model V8, AT, AC, VIN PJ300888 MSRP ★$25,563 Our Price $22,799

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Is $2651 Off MSRP & A $500 Rebate Plus A $1500 Fact Equip Pkg Disc New 93 Chev K-1500 Pickup 4 Whl Dr Sportside Silverado Mdl W/PEG P1A4 V6 AT AC VIN PZ155588 MSRP ★$20,350 Our Price $17,699

$1747.00 # 028
Is $547 Off MSRP & A $1200 Rebate New '93 Geo Tracker 2 Whl Dr Convt Model 4 Cyl, 5 Spd No AC, VIN P6923444 MSRP ★$11 846 Our Price $10 099

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A $3955.00 OFF # 010
Is $2455 Off MSRP & Includes A $1500 Rebate New '93 Caprice 4 Dr Sdn V8, AT, AC, VIN PW103140 MSRP $18,954 Our Price $14,999

1993 CAPRICE CLASSIC WGN HDQS
B $3976 00 OFF # 059
Is $2476 Off MSRP & Includes A $1500 Rebate New '93 Caprice 4 Dr Wgn V8, AT, AC, VIN PW113508 MSRP $20,475 Our Price $16,499

1993 LUMINA APV MINI VAN HDQS
$3293.00 # 013
Is $1693 Off MSRP & A $1000 Rebate Plus A $600 Fact Equip Pkg Disc New '93 Lumina APV 7 Pass Mini Van V6 AT AC VIN PT114962 MSRP ★$17,892 Our Price $15,199

1993 LUMINA HEADQUARTERS
$3411 00 # 325
Is $1911 Off MSRP & A $800 Rebate Plus A $700 Fact Equip Pkg Disc New '93 Lumina 4 Dr Sdn, W/PEG #2 V6, AT AC, VIN P9200568 MSRP ★$15,710 Our Price $12,999

1993 CORSICA HEADQUARTERS
$2617.00 # 018
Is $1367 Off MSRP & A $750 Rebate Plus A $500 Fact Equip Pkg Disc New '93 Corsica 4 Dr LT Sdn 4 Cyl AT AC VIN PY161691 MSRP ★$13,816 Our Price $11,699

1993 GEO STORM HEADQUARTERS
$2161.00 OFF # 004
Is $1161 Off MSRP & Includes A $1000 Rebate New 93 Geo Storm Spt Cpe, 4 Cyl, AT, AC VIN P7510684 MSRP $13,410 Our Price $11,249

1993 LUMINA Z-34 HDQS
$3376.00 # 172
Is $2376 Off MSRP & A $800 Rebate Plus A $200 Fact Equp Pkg Disc New '93 Lumina Z-34 Cpe W/PEG#1 V6 AT, AC, VIN P9146564 MSRP ★$19,475 Our Price $16,299

1993 BERETTA HEADQUARTERS
$2877.00 # 048
Is $1377 Off MSRP & A $1000 Rebate Plus A $500 Fact Equip Pkg Disc New '93 Beretta 2 Dr Cpe, 4 Cyl, AT, AC, VIN PY160777 MSRP ★$13,776 Our Price $11,399

1993 CORVETTE HEADQUARTERS
$7300.00 OFF # 102
Is $5300 Off MSRP & Includes A $2000 Rebate New 1993 Corvette 2 Dr Cpe, V8, AT, AC, VIN P5112521 MSRP $38,299 Our Price $30,999

1993 CORVETTE CONVT HEADQUARTERS
$8055 00 OFF #058
Is $6055 Off MSRP & Includes A $2000 Rebate New 1993 Corvette Convt V8, AT, AC, VIN P5106942 MSRP $44,254 Our Price $36,199

1993 CAVALIER HEADQUARTERS
$1318 00 OFF # 336
Is $818 Off MSRP & Includes A $500 Rebate New 1993 Cavalier VL 2 Dr 4 Cyl, AT AC VIN P7248925 MSRP $10,817 Our Price $9499

1993 CAVALIER Z-24 HDQS
$1936 00 OFF # 294
Is $1436 Off MSRP & Includes A $500 Rebate New '93 Cavalier Z-24 Spt Cpe, V6, AT, AC, VIN P7233748 MSRP $14,635 Our Price $12,699

1993 GEO PRIZM HEADQUARTERS
$790 00 OFF # 056
Is $790 Off MSRP New '93 Geo Prizm 4 Dr Sdn 4 Cyl, AT, AC, VIN PZ037779 MSRP $12,689 Our Price $11,899

1993 OLDS ACHIEVA HDQS
$3029 00 #005
Is $1529 Off MSRP & A $1000 Rebate Plus A $500 Fact Equip Pkg Disc New 1993 Olds Achieva S Cpe 4 Cyl, AT, AC VIN PM005521 MSRP ★$15,278 Our Price $12,749

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1993 SPIRIT HDQS
A $3592 00 # 016
Is $1581 Off MSRP & A $1000 Rebate Plus A $1011 Fact Equip Pkg Disc New '93 Dodge Spirit Sdn 4 Cyl, AT, AC, VIN PF548786 MSRP ★$13,770 Our Price $11,189

1993 SHADOW HDQS
B $2220 00 #119
Is $870 Off MSRP & A $1000 Rebate Plus A $350 Fact Equip Pkg Disc. New '93 Dodge Shadow 2 Dr Cpe 4 Cyl, AT, AC, VIN PN613414 MSRP ★$11,169 Our Price $9299

1993 DYNASTY HDQS
C $4552 00 OFF #057
Is $1552 Off MSRP & Includes A $3000 Rebate '93 Dodge Dynasty 4 Dr Sdn 4 Cyl, AT, No AC, VIN PD110785 MSRP $15,301 Our Price $10,749

1993 INTREPID HDQS
$2333 00 # 121
Is $1913 Off MSRP Plus A $420 Fact Equip Pkg Disc New 93 Dodge Intrepid Sdn V6, AT, AC VIN PH590927 MSRP ★$18,762 Our Price $16,849

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'93 TOWN & COUNTRY HDQS
$4215.00 # 046
Is $2615 Off MSRP & $500 Rebate Plus A $1100 Mini Van Equip Disc New '93 Chrys Town & Country 7 Pass Mini Van V6 AT F & R AC VIN PX555788 MSRP ★$26,714 Our Price $22,499

1993 CARAVAN HDQS
$2902 00 #076
Is $1395 Off MSRP & A $500 Rebate & A $150 Consumer Equip Disc Plus A $857 Fact Equip Pkg Disc New '93 Caravan Mini Van W/21T Pkg 4 Cyl 5 Spd AC VIN PR134246 MSRP ★$14,994 Our Price $12,949

'93 GRAND VOYAGER HDQS
$3725 00 #254
Is $2018 Off MSRP & A $500 Rebate Plus A $350 Mini Van Customer Equip Disc & A $857 Fact Equip Pkg Disc New '93 Ply Grand Voyager 7 Pass Mini Van V6, AT AC VIN PX601979 MSRP ★$19,867 Our Price $16,999

1993 LASER HDQS
$1437.00 OFF #020
Is $737 Off MSRP & A $700 Rebate New '93 Ply Laser Spt Cpe 4 Cyl 5 Spd No AC VIN PE033068 MSRP $11,936 Our Price $10,499

$3817.00 # 001
Is $1917 Off MSRP & A $1000 Rebate Plus A $900 Fact Equip Pkg Disc New '93 Chrys Lebaron LE Sdn 4 Cyl AT AC VIN PF500664 MSRP ★$16,286 Our Price $13,369

1993 STEALTH HDQS
$2447 00 OFF # 008
Is $1947 Off MSRP & Includes A $500 Rebate New '93 Dodge Stealth Spt Cpe V6 AT AC Vin VIN PY005612 MSRP $21,726 Our Price $19,279

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1993 5TH AVENUE HDQS
A $6599.00 # 171
Is $2674 Off MSRP & A $3500 Rebate Plus A $425 Fact Equip Pkg Disc New 1993 Chrys 5th Ave Sdn V6, AT, AC, VIN PD195458 MSRP ★$23,173 Our Price $16,999

1993 LEBARON CONVT HDQS
B $3331 00 # 033
Is $2106 Off MSRP & A $1000 Rebate Plus A $225 Fact Equip Pkg Disc New 1993 Chrys Lebaron Convt, V6, AT, AC, VIN PF592102 MSRP ★$20,255 Our Price $17,149

1993 ACCLAIM HEADQUARTERS
C $3896.00 # 022
Is $1611 Off MSRP & A $1000 Rebate Plus A $1285 Fact Equip Pkg Disc New '93 Ply Acclaim Sdn, 4 Cyl, AT, AC VIN PF573269 MSRP ★ $13,970 Our Price $11,359

1993 SUNDANCE HEADQUARTERS
D $2170 00 # 119
Is $820 Off MSRP & A $1000 Rebate Plus A $350 Fact Equip Pkg Disc New '93 Ply Sundance 2 Dr 4 Cyl AT AC VIN PN618967 MSRP ★$11,169 Our Price $9349

1993 SALON HEADQUARTERS
E $5821 00 # 138
Is $2421 Off MSRP & A $3000 Rebate Plus A $400 Fact Equip Pkg Disc New '93 New Yorker Salon Sdn V6, AT, AC VIN PDf202435 MSRP ★$20,120 Our Price $14,699

1993 TRACER HEADQUARTERS
$2488.00 OFF # 027
Is $1145 Off MSRP & Includes A $400 Rebate Plus A $943 Fact Equip Pkg Disc New '93 Merc Tracer 4 Dr Sdn, 4 Cyl, 5 Spd AC, VIN PR612734 MSRP $11,694 Our Price $10,149

1993 SABLE WGN HDQS
$3120.00 OFF # 564
Is $2620 Off MSRP & Includes A $500 Rebate New '93 Merc Sable GS Sta Wgn V6, AT, AC, VIN PA611409 MSRP $19,119 Our Price $15,999

1993 MARK VIII HEADQUARTERS
$5341.00 OFF # 537
Is $5341 Off MSRP. New 1993 Mark VIII Sport Cpe, V8, AT, AC, VIN PY667376 MSRP $37,230 Our Price $31,899

1993 CONTINENTAL HEADQUARTERS
$7253 00 # 023
Is $5019 Off MSRP & A $2000 Rebate Plus A $1134 Fact Equip Pkg Disc New 1993 Linc Continental Sdn V6 AT AC VIN PY632879 MSRP ★$33,918 Our Price $26,899

1993 TOWN CAR HEADQUARTERS
$7281 OFF # 085
Is $5281 Off MSRP & Includes A $2000 Rebate New '93 Lincoln Town Car 4 Dr Sdn, V8, AT, AC, VIN PY638639 MSRP $34,780 Our Price $27,499

1993 GRAND MARQUIS HEADQUARTERS
$4672 OFF # 152
Is $3172 Off MSRP & Includes A $1500 Rebate New 1993 Grand Marquis Sdn V8, AT, AC VIN PX647681 MSRP $22,921 Our Price $18,249

1993 SABLE HEADQUARTERS
$3010 00 OFF # 505
Is $2510 Off MSRP & Includes A $500 Rebate New '93 Merc Sable GS 4 Sdn V6, AT, AC, VIN PA600336 MSRP $18,009 Our Price $14,999

1993 COUGAR HEADQUARTERS
$2207 00 # 672
Is $1694 Off MSRP Plus A $513 Fact Equip Pkg Disc New 1993 Merc Cougar XR7 Spt Cpe, V6, AT, AC, VIN PH625625 MSRP ★$16,643 Our Price $14,949

1993 TOPAZ HEADQUARTERS
$2715.00 # 005
Is $1132 Off MSRP & A $500 Rebate Plus A $1083 Factory Equipment Pkg Discount New 1993 Mercury Topaz GS Sdn, 4 Cyl AT, AC, VIN PB600434 MSRP ★$12 181 Our Price $10,549

1993 VILLAGER HEADQUARTERS
$2815.00 # 537
Is $1965 Off MSRP Plus A $850 Fact Equip Pkg Disc New '93 Merc Villager GS Mini Van, V6, AT, AC, VIN PDJ16809 MSRP ★$18,964 Our Price $16,999

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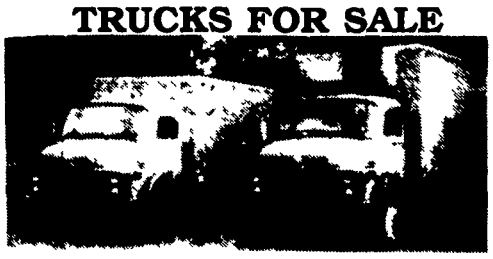

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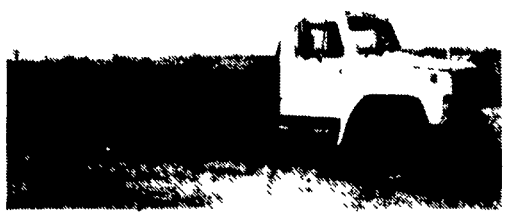

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*'93 NEW CORVETTE CONVERTIBLE $439.00
Per Month For 36 Months. Closed End Lease Stk #15062 8 Cyl VIN P5107073 MSRP * $44,254 Total Of Mthly Payments $15,804 With $4000 Down

*'93 NEW LINC MARK VIII $425.00
Per Month For 24 Months. Closed End Lease. Stock #99536 8 Cyl VIN PY667386 MSRP * $37,230 Total Of Monthly Payments $15,300.00 With $3000 Down 11¢ Per Mile Over 30,000

*'93 NEW LINC TOWN CAR $394.00
Per Month For 24 Months. Closed End Lease. Stock #98001 8 Cyl VIN PY602431 MSRP * $34,760 Total Of Monthly Payments $9456.00 With $3000 Down 11¢ Per Mile Over 30,000 Miles

*'93 NEW LINC CONTINENTAL $327.00
Per Month For 24 Months. Closed End Lease. Stock #99004 6 Cyl VIN PY602337 MSRP * $33,918 Total Of Mthly Payments $7848 With $3000 Down 11¢ Per Mile Over 30,000 Miles

*'93 NEW CHRYS NY SALON $199.00
Per Month For 36 Months. Closed End Lease. Stock #50005 6 Cyl VIN PD102717 MSRP * $20,000 Total Of Mthly Payments $7164. With $2200 Down

*'93 NEW DODGE STEALTH $273.00
Per Mth For 48 Months. Closed End Lease. Stk #86008 6 Cyl VIN PY005612 MSRP *$21,726 Total Of Mthly Pymts $13,104 With $1500 Down Total Of 55,000 Mi

*'93 NEW MERC GRAND MARQUIS GS $297.00
Per Month For 24 Months. Closed End Lease Stock #91004 8 Cyl VIN PX601241 MSRP * $23,529 Total Of Mthly Payments $7128 With $2500 Down

*'93 NEW MERC SABLE GS $219.00
Per Month For 24 Months. Closed End Lease. Stock #94501 6 Cyl VIN PA600119 MSRP * $18,140 Total Of Monthly Payments $5256 With $2000 Down 11¢ Per Mile Over 30,000 Miles

*'93 NEW PLY VOYAGER $205.00
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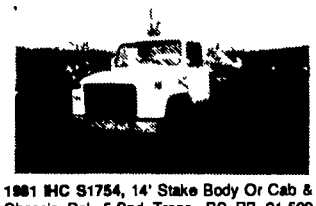
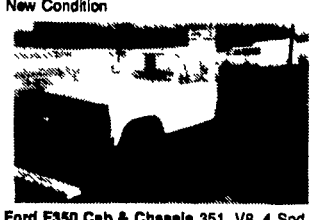


1991 IHC S1754, 14' Stake Body Or Cab & Chassis, Dsl., 5 Spd. Trans., PS, PB, 21,500 GVW, (No CDL) Starting At $5900 00



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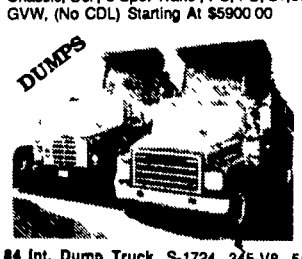

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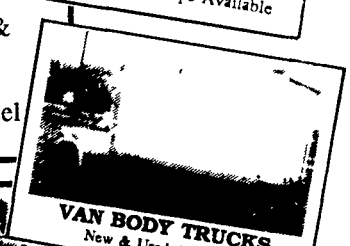

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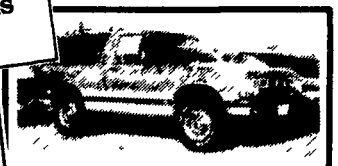

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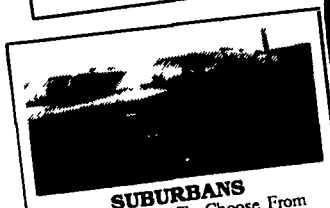

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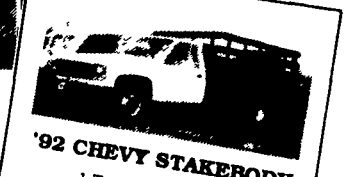

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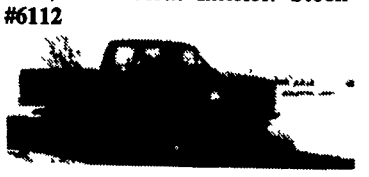

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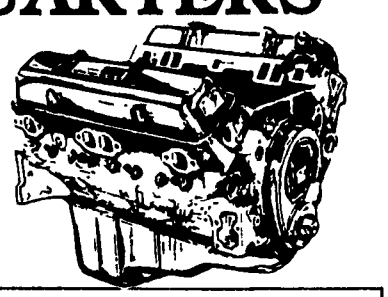

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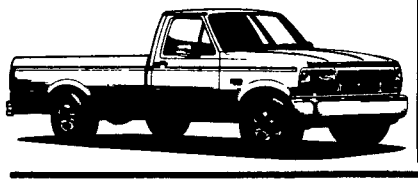

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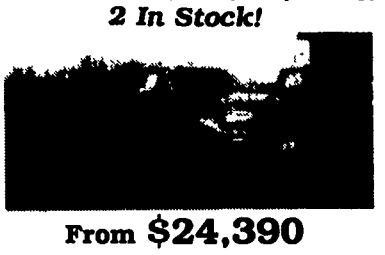

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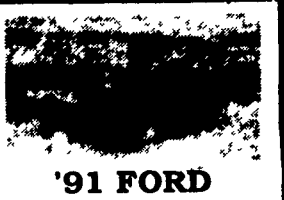

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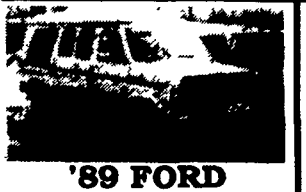

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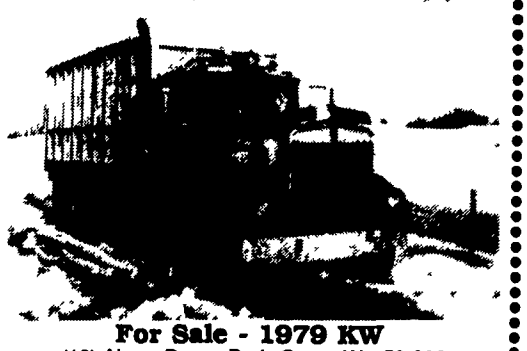

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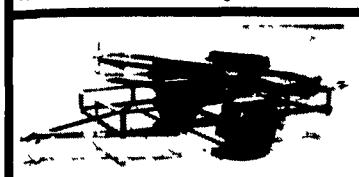

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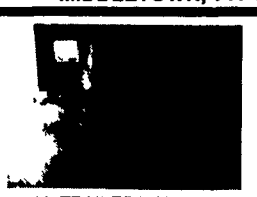

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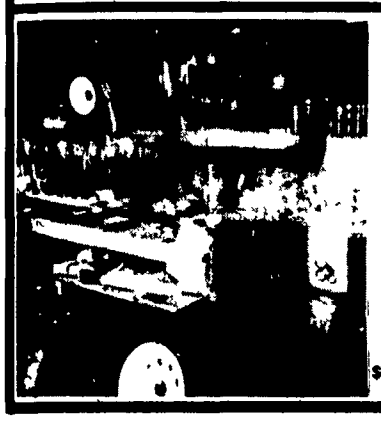

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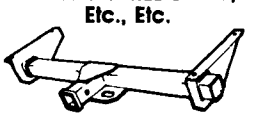

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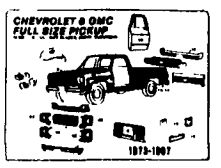

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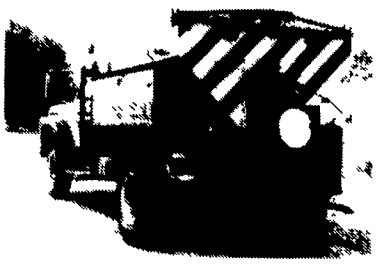
- SANDPAPER-6" DA SELF ADHESIVE, 100 PER ROLL LOW AS $16.50, ALSO DRY BACK DA, WET & DRY SHEETS, LONG FILE!

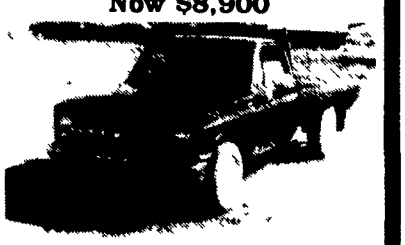
100's OF OTHER ITEMS AT BIG SAVINGS!!

1974 Ford F700, Gas, 5 & 2 Speed
25000# GVW, Will Take 16' or 18' Bed
$2,650

1983 IHC Roll Back, V8 Gas, 5 & 2 Speed, 20' Bed, Runs and Works Great, Was $9,800
Now $8,900

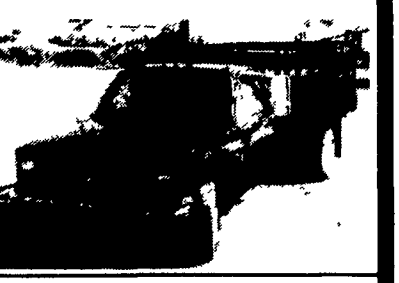


1978 Ford F700, Gas, 5 Speed,
Hydraulic Spreader, Central Hydraulics
$3,295



1985 Chevy C20, Gas, 4 Spd, Set Up For Pulling Trailers
$5,195

1981 Chevy C20 Stake Body Truck,
V8 Gas, Auto, PS, New Paint, New 12' Stake Body
$4,650



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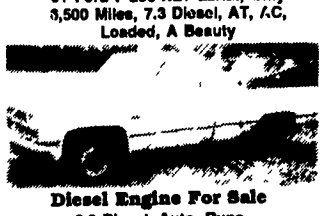
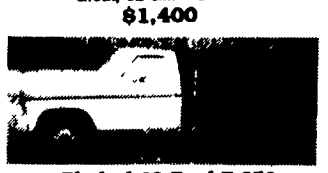
Super Duty Chassis 92 Ford
F-450 XLT Like New, Only
14,000 Miles, 7.3 Diesel, 5 Spd.,
AC, 15,000 GVW, 161 W.B.

Diesel Super Cab 4x4
91 Ford F-250 XLT Lariat, Only
3,500 Miles, 7.3 Diesel, AT, A/C,
Loaded, A Beauty



Diesel Engine For Sale
6.2 Diesel, Auto, Runs
Great, 82 GMC ½ Ton
$1,400



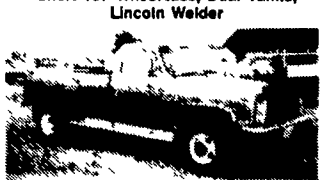
Flatbed 82 Ford F-350
351, 4 Spd., 9 Ft. Bed,
Runs Good

Stake Body, 89 Ford F-350
Short 137 W.B. 7.3 Diesel,
5 Spd. O/D, 9 Ft. Bed

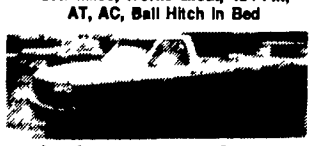
Diesel 3/4 4x4 85 Ford
F-250 Black Finish 6.9 Auto,
Dual Tanks, Runs Nice
$6,900

Diesel Chevy Van
Look At This One, 6.2 AT, Frt & Rear AC, 2 Tone Dark Blue & Charcoal, 60,000 Original Miles

Hey Welders 4x4 Chassis
Cab 89 Ford F-350 460 F.I., 5 Spd.,
Short 137 Wheelbase, Dual Tanks,
Lincoln Welder



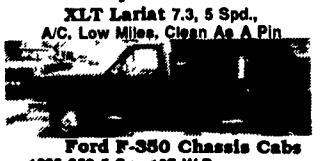
4 Wheel Drive 88 GMC Dually
Low Miles, Works Great, 454 F.I.,
AT, AC, Ball Hitch In Bed



Diesel F-250 92 Ford F-250
XLT 12,000 Actual Miles, 7.3 Diesel,
5 Sp., A/C, All Power Equipment,
Factory Warranty
$17,500

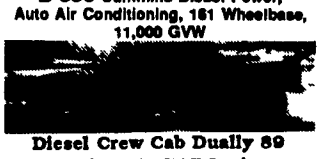
4 Door 4x4 91 Ford F-350
XLT Lariat Real Nice,
7.3 Diesel, AT, AC, 30,000 Original Miles

Diesel 5 Spd., 91 Ford F-350
XLT Lariat 7.3, 5 Spd.,
A/C, Low Miles, Clean As A Pin

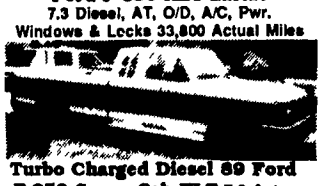


Ford F-350 Chassis Cabs
1989 350 5 Sp., 137 W.B.
1987 - 460 AT, 161 W.B.

Cummins Chassis Cab 91 Dodge
D-350 Cummins Diesel Power,
Auto Air Conditioning, 161 Wheelbase,
11,000 GVW

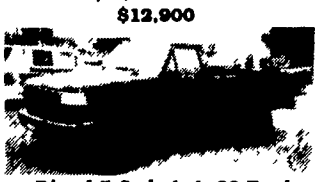


Diesel Crew Cab Dually 89
Ford F-350 XLT Lariat
7.3 Diesel, AT, O/D, A/C, Pwr.
Windows & Locks 33,800 Actual Miles



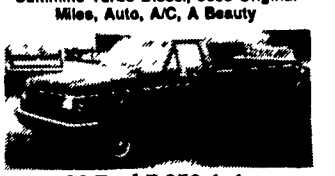
Turbo Charged Diesel 89 Ford
F-250 Super Cab XLT 7.3 Auto,
A/C Dual Tanks, 8800 GVW, Running
Boards, 5th Wheel Plate, Captain
Chairs, 4:10 Rear Axle

88 Chevy 3500 Dually
Pulling Power, 454 AT, AC, 2 Tone
Paint, 52,000 Actual Miles
$12,900

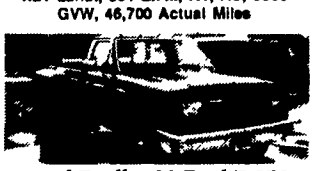


Diesel 5 Spd. 4x4, 92 Ford
F-250 XLT Perfect 7.3 Diesel,
5 Spd., A/C Dual Tanks,
8800 GVW, 20,000 Miles

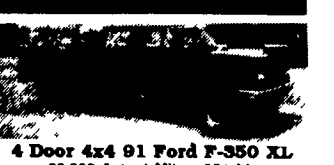
Dodge Dually 91 Dodge LE
Cummins Turbo Diesel, 8000 Original
Miles, Auto, A/C, A Beauty



90 Ford F-250 4x4
XLT Lariat, 351 E.F.I., AT, AC, 8800
GVW, 46,700 Actual Miles

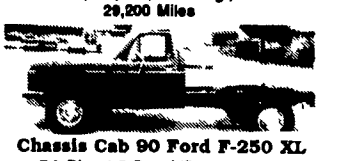


...el Dually, 91 Ford F-350
7.3 AT, Overdrive, Dual Tanks,
Tow Pkg, Posi 4.10 Rear,
17,000 Actual Miles

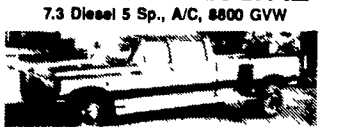


4 Door 4x4 91 Ford F-350 XL
26,000 Actual Miles, 351 f.i.
5 spd. O/D A/C, 12 Month, 12,000 Mile
Bumper To Bumper Warranty,
By Ford Mtr. Co.

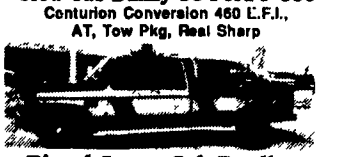
460 4x4 91 Ford F-250
Super Cab XLT Lariat, 460
f.i., AT, AC, Tow Pkg.,
29,200 Miles



Chassis Cab 90 Ford F-250 XL
7.3 Diesel 5 Sp., A/C, 8800 GVW



Crew Cab Dually 88 Ford F-350
Centurion Conversion 460 E.F.I.,
AT, Tow Pkg, Real Sharp



Diesel Super Cab Dually
87 Ford F-250 6.9 Diesel, 4 Spd,
A/C, Dual Tanks, Running Boards,
60,000 Miles

Cummins Turbo Diesel 89 Dodge
D-350 Dually Strong Tow
Machine, AT, AC, 53,000 Miles

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1990 Ford F-250 Super Cab, 4x4 XLT Lariat, Utility Bed, 7.4 FI, Auto, PS, PB, AC, AM & FM Stereo Cass., PW, PDL, 58,000 Miles.

$14,900.00

1988 Chevy Ext-Cab, 350 FI, Auto, PS, PB, AM& FM, 93,000 Miles, Clean

$9,700.00

1987 Chevy C-30 Dump Truck, 350 F.I. PS, PB, AM & FM, 21,000 Miles, Like New.

$13,900.00

1993 Chevy 2500 Ext. Cab 4x4, Heavy Duty, 8600 GVW, 6.5 Turbo Diesel, 5 Spd., PS, PB, AC, AM & FM Stereo, 300 Miles, List $24,060.00.

Our Price $22,900.00

Financing Available

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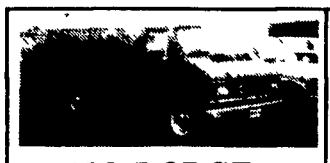
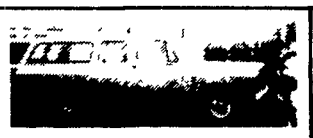


'89 DODGE 350 VAN

AT V8, Xtra Long Van, #7408

Was $8,995

NOW $6,700



'77 CHEVY SUBURBAN

80,000 Mi., AT, V8, 9 Pass., No Rust #7418

Was $4,495

NOW $2,900

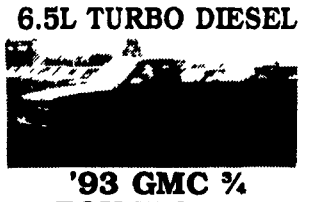
'88 GMC 1 TON PICKUP

350, 4 Spd., Real Work Truck, #7467

Was $8,995

NOW $7,100

6.5L TURBO DIESEL



'93 GMC ¾ TON PICKUP

6.5L Turbo Diesel, AT, AC, Much More, #7941

Was $21,307

NOW $20,150

'91 CHEVY EXT CAB 4x4

6½ Ft. Bed, 350, AT, AC, Silverado #7436

Was $19,900

NOW $17,750

'92 CHEVY CREW CAB 4x4 DUALLY

3000 Mi., 454, Silverado, Factory Vehicle #7392

Was $29,700

NOW $26,100

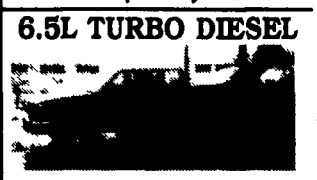
'87 CHEVY C-10 PICKUP

V8, 4 Spd., 60,000 Mi., #7431

Was $7,495

NOW $5,470

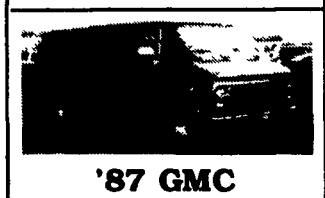
6.5L TURBO DIESEL



'93 GMC CREWCAB

New! AT, AC, 6 Pass. $2208

SALE $23,500

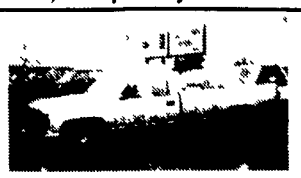


'87 GMC RALLY STX VAN

8 Pass., V8, AT, AC, Like New #7316

Was $12,995

NOW $9,500

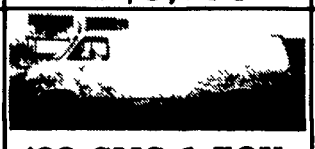


'87 CHEVY C-10 PICKUP

V8, 4 Spd., 60,000 Mi., #7431

Was $7,495

NOW $5,470



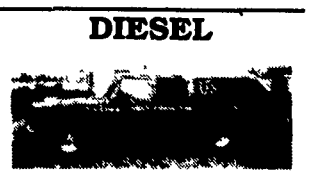
'92 GMC 1 TON EXTENDED CARGO VAN

350, AT, AC, PL, Cruise, Tilt, #7108

Was $19,300

NOW $14,400

DIESEL



'91 CHEVY SUBURBAN

6.2 Diesel, AT, AC, Silverado, Only 38,000 Mi., #7464

Was $21,995

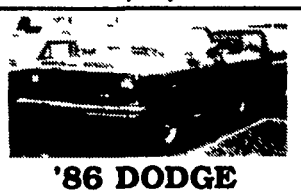
NOW $19,100

'87 GMC S-15 EXT. CAB

V6, AT, Sierra Classic, #7426

Was $8,495

NOW $6,550



'86 DODGE 150 4x4

V8, 4 Spd., Short Bed, Clean, #7445

Was $6,995

NOW $5,400

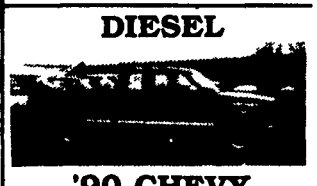
'89 CHEVY SUBURBAN ¾ TON 4x4

350, AT, AC, 9 Pass., Rear Air, Only 21,000 Mi. #7447

Was $18,900

NOW $16,300

DIESEL

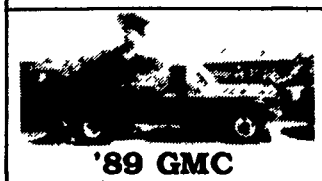


'90 CHEVY ¾ TON EXT. CAB

Silverado, AT, AC, Loaded, #7302

Was $16,995

NOW $13,900

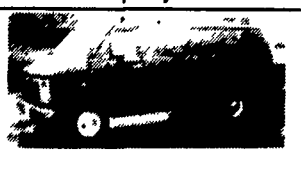


'89 GMC 3500 DUMP TRUCK

V8, 4 Spd., Only 23,000 Mi., Red, #7453

Was $13,900

NOW $11,750

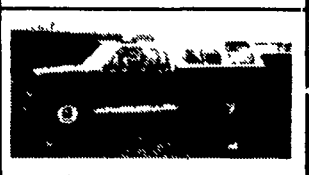


'87 GMC ¾ TON VAN

V8, AT, Rebuilt Eng., #7374

Was $6,495

NOW $5,100

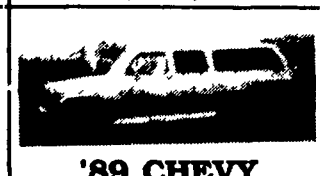


'85 FORD F-250 SUPERCAB 4x4

V8, AT, Runs Great #7429

Was $8,995

NOW $7,000



'89 CHEVY SUBURBAN ¾ TON

454, AT, AC, #7427

Was $13,900

WAS $11,700

Prices based on straight sale. Tax & tags extra.

36 REAL ESTATE

103 wooded acres, close State Game Land, 6 miles from Orbesonia, 12 miles from turnpike exit, several springs, large creek, timber has been cut off Call Century 21, Hometowne, Bertha Burkholder, (717)264-3277 (717)267-0707

10 acre orchard Large building Fruit, nut and Christmas trees Panoramic building site. Bedford County. (814)623-6041

115 acres, good 4BR house and barn, stream/pond, privacy, near MD but in PA, Bedford Co, $190,000 Call Cheryl, (Feldman & Co) (717)267-2000.

124 Acre farm, abuts Treasure Lake, DuBoise, PA Includes 3BR house, new oil furnace, 2 utility bldgs Call for appointment 617-861-8713 or write "FARM", POB 401, Lexington, MA 02173 Asking $125K OBO.

160+/- Acres, 85 Tillable, 40 Pasture and Woods, Barn, 2 Silos, 70X75 Shed, 2BR Mobile Home Completely Remodeled 716-968-1204 After 6PM

16 25 acres, approved road access, perked and probed, small stream East of Millersburg, PA $55,900. 717-692-4120 After 6PM

165A dairy farm, 3 silos, TMR feeding, 3 grain bins, 50x108 machine shed, 40x75 farm shop, milking equipment Double-4 herringbone parlor, excellent water supply 4BR, 2 bath, brick home w/central air, outside furnace All buildings less than 19 years old (901)782-3665

244A Adams County farm, large brick farmhouse, 152 acres tillable, 30 pasture, 58 woodland, 4 homesite Stream Located near Hanover, Gettysburg, New Oxford 717-867-3968

50+A, Juniata Co, Farm/Hunting-Camp/Vacation/Residence, Woods, Fields, Stream, 3-Bdr Home, Standard Septic, Barn, Privacy, Hunting, $75,000 717-673-4507

588-RT/BREATHE THE COUNTRY AIR, Nice 2 story older home w/barn, workshop, fenced 3 6 acres Stream. Great for horses $59,900 Call COLDWELL BANKER, J FERRARIO REAL ESTATE, Towanda, PA 717-265-4142

**BRADFORD COUNTY, PA 225 acre dairy farm, 125 tillable, 64 stall on pipeline, 2 cement silos, 4BR ranch style home plus mobile home, 2 wells, 2 septics, $190,000 **BRADFORD COUNTY, PA. 281 acre dairy farm (Jersey) 80 milkline stalls, 225 tillable acres, 1 Harvestor, 2 cement silos, machinery shed, very nice 5BR farm house, $385,000 ENDLESS MOUNTAIN REAL ESTATE 717-297-2409 Dick Berry 717-596-2935

By Owner Investment Opportunity, Large, Beautiful, Picturesque Dairy Farm in Northern New York, Adirondack Foot Hills Dairy of Distinction, Super Milk and Quality Awards 220 Holstein Cows and Heifers Producing 4500 Lbs Daily Plus All Machinery 2-3 Homes, 450 Acres of Excellent Soil w/Woods, Streams. Resident Manager Will Stay and Operate for Absentee Owner Asking $595,000 315-688-4477

CLINTON COUNTY near Hanneyville 5 acre beautiful level wooded lot Perc /electric/driveway and adjacent public hunting land Owner Financing $18,900 717-769-6445 Days 717-769-6035 Evenings.

Clinton County, 13A prime level wooded land, perc, electric, adjacent hunting area, can sub-divide R-664, Haneyville, Woolrich area 717-867-1201.

COUNTRY RETREAT, 145 acres, 2 acre pond house w/5BR, fireplace, satellite TV, adjacent 1600 acres PA Game Lands Respond to P.O. Box 301, Selinsgrove, PA 17870.

FARMETTE: 7.5 acres, 4BR farmhouse, barn, shed, workshop, big one car garage, deck, $200,000. Lancaster Co, PA 717/665-6555

FARMS WANTED: Are you planning on buying, relocating or selling your farm or land(s)? Give the experienced people at HEYWORTH REALTY a call We are QUALIFIED AND EXPERIENCED in farm/land sales and have all types of farms for sale For information Call or Write Lawrence Stouffer, HEYWORTH REALTY, 1300B Dual Highway, Hagerstown, MD 21740. 301-733-3701 Office, 717-597-2584 Eves.

Farms located in Northern New York, Jefferson County, Town of Ellisburg Of interested contact Richard Hughs, Real Estate broker at (315)465-7591

FOR RENT: 120 cow dairy barn tie stalls w/pipeline, 20x40 high moisture corn harvestore, 20x60 silo, bulk tanks, barn cleaner, silo unloader 717-297-4796.

FOR SALE BY OWNER C1820 restored PA farmhouse w/5 acres, 5 bedrooms, 2½ baths, office building, large garage, $269,500 215/932-5588.

For Rent. East Berlin area 8-room farmhouse, very nice condition, w/w carpet every room, $750/month plus security deposit and utilities. 717/259-8166.

For Sale 9.5 Acre Cumberland County Farmette. 8 Room House, Bank Barn, Detached 2 Car Garage, All Buildings in Good Condition, Price $145,000 717-776-3572

GOVERNMENT HOMES from $1 (U repair) Delinquent tax property Repossessions Your area (1) 805 962-8000 Ext GH 4156 for current repo list

Luzerne County PA, 227 acre working dairy farm 2 homes, 60 tie stalls, box stalls, heifer sheds, thousand gallon bulk tank, pipeline, 20X64 silo with unloader, barn cleaner, machinery available Call (717)864-2215

LYCOMING CO DAIRY FARM 60 cow dairy operation on 72A, main barn 168x38, 2 Harvestore silos, pipeline milker, 40x80 hay barn, machine shed and livestock shed All buildings new 1989 and ready to operate condition. Priced to sell $225,000 717-326-2626 evenings or early AM

Lycoming County Farm 200 acres river bottom land w/additional land available Remodeled house, barn, outbuildings, silos and feeding equipment Write G112 Lancaster Farming, P O Box 609, Ephrata, PA 17522

MOUNTAIN GROUND WITH LAKE -Nestled between the hills overlooking 100+ ACRE picturesque Mountain Lake, this 10+ ACRE Wooded parcel offers plenty of seclusion -on hard surface road w/ deeded access to Stocked Sportsmans LAKE Great HUNTING, Allegany Co, NY only minutes to POTTER CO, PA -Full price $11,900 -$1200 down -$131 90 per month. 12 5% interest -180 months. Alma Pond F.P. 717-784-9022.

OPEN HOUSE Sunday April 25, 1-4pm 13 7 acres, ideal for horse farm, 84 Creek Road, Glenmore, PA Fox & Lazo, Mary 215/286-9793.

595-ST DON'T WAIT! Country farmhouse, 42+ acres, 48x66, 2 story barn, ideal for horses or beef, $125,000 Call COLDWELL BANKER, J FERRARIO REAL ESTATE, Towanda, PA 717-265-4142.

60A Cambria County PA Presently Farmed Borders State Park, Gamelands Great Hunting, Fishing or Build Your Dreamhouse Advantage Realty 814-472-9788. Agent 814-674-5710 $85,000. Farm for Sale 106A 2Story 4Bedroom Home RD Hastings $89,900 Advantage Realty 814-472-9788

700+ Acres Houses, Barns and Outbuildings Price Negotiable. More Information call 814-334-5281

95 acres Nolin Lake, Kentucky, tillable with pasture, timber Low taxes, mild climate, $850/ acre (717)359-5658

12x60 mobile home, 2BR Must move. Cheap! York Co. 717-456-7372.

BIG House -BIG barn, 5-2 acres Rt 30 west of Gap Commercial, Agricultural Reduced Make offer 717-442-8208

PERRY COUNTY Spectacular view on this 107 acre working beef farm. 11 year old 25x50 house includes: 3 large bedrooms, 3 fireplaces, attached 2 car garage, country kitchen, finished basement, 3 baths In-ground swimming pool 6 year old 50x110 block machine shed, divided into shop, machine storage & cattle area w/silo & bunk feed system in lot 45x70 bank barn in good shape w/silo. Pasture divided w/ high tensile system Owner can retain 70 tillable acres if needed. Must be seen $350,000. 717/582-8066

Potter County 36+ acres Exchange or sale ⅓ tillable, ⅔ pasture Dairy barn, house, house trailer, $210,000 or exchange 215-348-1493

PROPERTY FOR SALE BY OWNER 3.97 acres, 200'x40' chicken house, 8,000 bird capacity, ongoing profitable contract available. 2½ story house, horse barn, woodworking shop, small orchard, tenant house and barn w/rental income included Private bids accepted Abner Z Fisher, 241A Queen RD, Gordonville, PA 17529

REDUCED 5 bedroom farm house, barn, over 5 acres, along R-30 Commercial, Agricultural, Residential. East of Gap, PA Call 717-442-8208 MAKE OFFER

Secluded mountain lots, view, wooded, one mile from trout stream, near State Forest, Sullivan Co, owner financed 215-323-7290

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S-York County farm 160+A, 75 tillable, 4BR, 2BAS, frame house, large barn w/horse stalls (717)927-6564

Tioga Co. 80Acres, 60 ties, pipeline, 2 silos, 2 barn cleaners, 4/5-bedroom house, 12x60 mobile home, $140,000 717/537-6301

WANTED Dairy farm around 150 Acres, must be set up for dairy Write R-65, %Lancaster Farming, POB 609, Ephrata, PA 17522

WANTED TO RENT Farmland or barn to feed cattle. 717-733-4516

WISCONSIN DAIRY FARMS, 30 cow to 150 cow, Up, Excellent Prices & Terms for Spring Possession. Call now! L.L STEWART, Realtors, 2007 Hogeboom, Eau Claire, WI 54701, 715/834-6664.

FOR RENT: 25 Acre pasture w/sheds, West Vincent Twp., Upper Chester Co, PA. 215/827-7687.

FOR RENT Barn and pasture land including hay field, Norrisville, MD (410)692-2729

FOR RENT Pole barn, 60x70, very clean, like new. 717/733-9538 Lancaster Co

FOR SALE 1,071 acre dairy farm at Spencer, Wisconsin in the heart of the dairy country Amish-Mennonite community Most on black-top highway, very fertile land w/gentle roll 5 houses, 5 barns, 3 harvestors, 7 cement silos, 4 implement sheds, large heated shop, double 10 Surge parlor, 20 milkers-in line pre-cooler by well water before 3,300 gal Mueller tank, computer feeder for 400 cows, large TMR mixer, gravity flow liquid manure, 90 head calf barn w/sloping floors, 2 head chutes Capacity for 150 milk cows, could be 500 w/few changes, 200 head heifer & dry cow barn Maximum milk hauling fee $65/month Good milk cheese market Several houses & barns remodeled recently Price $950/acre Immediate posession Possible land contract Call Larry Stalter 219-862-2151, leave message

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FOR SALE 3000 sq ft commercial repair shop, 160A farm, barn, silo, 3 metal bins, 3 bedroom house, other building, $90,000 218-436-2980, 218-436-2219.

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89 Acre Farm w/ complete set of farm buildings. $450,000.

69 Acres w/60 Tillable $159,500.

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Outside Historic Angelica, NY 5 min. from Rt. 17 Expwy. 1½ hrs. from Buffalo & Rochester. Includes large victorian farm house w/2 car garage, 3 barns, machine shop, tennant house on 184 acres. Ideal for beef or horses. $250,000

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Operating 420 Acre Bradford County Dairy Farm.

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3 Silos and More Land Available If Desired.

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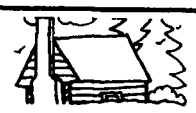

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340 +- Acres (175 Farmed), 70+ Long Horn and Dall Sheep, 30 White Tail Deer, 10 Acre Lake With 2 Acre Island. 2 Stocked Ponds, 1 Mile Trout Stream. Easy Access By Car, Plane, Heli
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58 Acre Farm; Little Britain area - House, barn and outbuildings. Additional rent ground available. Owner financing. Asking $325,000.

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58 Acre Farm; New London area - Large house, outbuildings - Asking $490,000.

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low taxes good terms

CHICKEN FARM - 94.6 acres, 9 brooder chicken houses (7 new) w/30,000 capacity each; good outbuildings; large lake; excellent 4,000 square foot brick home w/guest house; 50+ acres pines $1,500.00.

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322+ Contiguous Acres - 3 Parcels
Approximately 225 Ac. Tillable

Parcel I - 154+ Ac. Large home overlooking pond. 250 head slatted floor automated cattle barn, 3 silos, bank barn, complete cattle handling facilities

Parcel II - 109+ Ac. Large home, pond 100 head cattle barn, silo, extra building right.

Parcel III - 58+ Ac. with building right and two approved building lots. Beautiful view.

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211 acre dairy farm, 75 cow free-stall barn. Surge double 8 parlor 1500 gallon bulk tank w/dry cow and heifer barn 3 silos, 20x88, 20x72, 20x60 shed and 4-bay garage, 2-story house. Second farm also available 110 acres, barn, 16x72 silo, w/2 houses. Farm machinery and cattle available at extra cost.

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2½ Story, 5 BR House And Barn With Woodworking Shop With 3 Phase Electricity Erected On Lot Consisting Of 92½ Perches. Nice Size Garden, Fruit Trees, Grape Vines, Etc.
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76 Acre Zoned Residential, Ideal Investment
230 Acre Estate For The Discriminating Buyer With Two Fine Brick Colonial Homes

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135 Acre Hilltop Farm

Spacious 6 BR farmhouse w/open stairway and rear stairs to oversize country kitchen. Well kept outbuildings including a summer house and 80x80 bank barn. Good hunting area located in Northumberland County. $204,000.

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Many other farms available!
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135 Ac. dairy farm w/pipeline milking - 75 Ac tillable - 42 stanchions, milk tank, gutter cleaner, silo w/unloader- machine sheds - stream in meadow, 4 BR - 1½ bath house - paved road frontage 321RS-MB
$225,000

Atlantic County, NJ
24 acres, 850' commercial frontage on Rt 30, 1200' residential on paved road Many possibilities, $150,000

Townhouse in historical town of Smithville, 3 BR, 2½ baths, 1-car garage, on lake, use of pool, tennis, club house. Near Atlantic City, $89,900.

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in a nice wooded country setting with a stream. Just 12 miles from popular Knobel's Grove Amusement Park and beautiful Lake Augusta. Step right in and take over! Nice home on property for owner to live in.
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Exceptional 94-acre farm with development potential Elegant 4,000 sq ft 2½-story home and a 35'x65' stone and frame bank barn A beautiful estate in Central Pennsylvania
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PINE GROVE
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Grand 62-acre working farm with remodeled farm house. Property includes 5 wooded acres, bank barn, 40'x50' metal shed with attached corn crib. Two streams, and stocked pond
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Dauphin Co. Owner Selling 129+ A Halifax Twp. Rt. 225 Frontage, 80 Tillable 20+ Pasture, 20+ Woods, NO Buildings.
Also For Sale By Adjoining Neighbors House w/Barn Pond and Ranch House.
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Adjoining wood lots starting at $6,950. Septic approved, electric on site, & township road frontage. Owner financing available with low down payment! For more information, call The Real Estaters at (814) 435-6575 or (814) 367-2249 & ask for info. on **WHITE BIRCH MOUNTAIN SUBDIVISION.**

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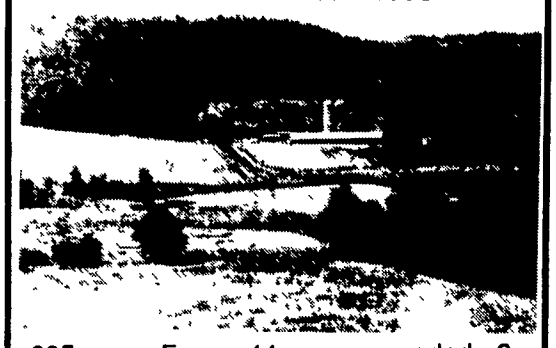
Columbia Cross Roads



285 acre Farm, 44 acres wooded, 2 houses, 2 barns (180'x85'), (40'x160'), 2 - 24'x90' concrete silos, complete manure facilities & storage buildings. Many possibilities, Priced For Sale.
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#1216 - Large farm with large assumable mortgage to responsible person. Seller moving out of state. Has reduced price. 280 acres, gently rolling land, tie stall barn 111 stalls, 2" pipeline, 1250 gal. tank, 3 silos, hay storage, large machinery bldg., heifer barn, very nice 9 room home. Bldgs. same side of road, close to small town. Excellent buy $310,000.
#1247 - A beautiful hobby farm. 25 acres bordering Susquehanna River. Very best land. Exceptionally nice two story 11 room, 3 bath home. Also two story building for office or store. Two story dairy barn 34 x 50. Beautiful place to live. Excellent fishing in river. $195,000.
We have a number of exceptionally nice showplace farms 70 to 100 cows, very good land, great locations, priced in the $200 to $300,000. range. Farmers are retiring. Free list available.

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BUILDING LOT: 5 Ac of open land bordering stream. Long road frontage & pleasant views. Perc completed & approved. $18,500. M-603.

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165 Acre former operating dairy farm, 3 bdrms, bath, kit, Dr, and Lr, machine sheds, bank barn, 24 V neck tie stalls, barn cleaner, box stalls, 14x40 silo, nice stream flowing thru pasture land, dream on at only. $132,000 #1248.
Dairy Farm, 100 cow barn + 150 river bottom acres, barn, milking parlor, 5 silos, machine shed, hay storage, main house has 3 bdrms, 2 baths, garage, inground pool + more, tenant house 4 bdrms, 1½ baths, etc. Much more on this once in a lifetime offering, asking $340,000 #1215.
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Properties In Somerset County, PA

(LF3474) 175 Acres with stone two story historic farmhouse and barn. $175,000.
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(LF3484) 143 Acre farm with a turn of the century 2½ story home, summer home and barn, $145,000.
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LOCATED NEAR HISTORIC GETTYSBURG, PA. - This newly listed property has much to offer with its 5 bedroom home, bank barn, and 91 acres of land. There is much potential with this farm.
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Fulton Co. - Pa. $325,000
91 acre operating dairy farm with double 4 herringbone parlor, auto weigh jars & feeders, treatment room 1000 gal. tank, 2-20x60 concrete stave silos, 2-smaller silos, 80 cow free stall barn (nearly new), new heifer barn, and many other outbuildings. Currently milking 90 cows and ships to Atlantic.
Leases 186 neighboring acres. Two drilled wells. 4 bedroom home is immaculate with new oak kitchen, central air and oil heat.
This is an exceptionally nice property and financing to a qualified buyer will be processed very quickly.
This farm is located in beautiful Buck Valley-Off I70.

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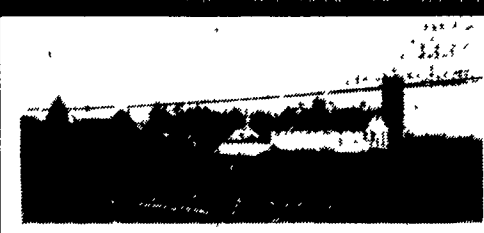

CUMBERLAND COUNTY
62 Ac M/L Dairy Farm, Limestone Soil, Brick House, Additional Dwelling, Mobile Home With Addition, Porch & Carport.

For Details Ask For Ed Meyer
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NEW LISTING BRADFORD COUNTY, PA: 150 acre beef farm w/modern 318x60' slated floor, 115,000 cu yd. manure pit, 11 pens, electronic scales, loading chutes, grain bins. Call Sandy Leaman for all the details. This building is only 1½ years old.
LANCASTER COUNTY 45 or 60 acre farm in Manheim area with like new barn, old log house needing restoration plus a modular home, stream, woods, great horse or Amish farm. Call Sanford Leaman for price and location.
ADAMS COUNTY Littleton area, Amish farm, great for horses, 130 acres, priced under $382,500 2 homes, hog barn, dairy barn, a great buy! Call Sanford Leaman for details. Open to reasonable offers
TIOGA COUNTY. NEW LISTING 204 acre DAIRY farm with 130 acres of good tillable farmland. 2 silos, 50 stall tie barn, inground swim. pool and much, much more. Be the first to see this one and BUY IT TODAY. It won't last long on todays market. Priced At: $235,000.00.
Call Sandy Leaman to List Your Farm. We Have Many Buyers Waiting For Just The Right Place and Yours May Fit The Bill.

We Are Working On Several Nice Dairy Farms Listings In Tioga, Bradford County Area. Call For Strict Confidential Information.

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Approx. 170 Acre Nursery and Christmas Tree Farm. Turn-Key Operation-Complete. Since 1946. Quality known nationwide

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UNUSUAL 1—MAN FARM: 187 acre dairy for the sportsman! Farm has 100 acres tillable with 2 streams and *11 ponds;* some 4-5 acres. Great spot for a fishing preserve. All kinds of large and small game. Good 51 stall barn, 2" Surge pipeline, heifer wing, free stall section in rear. Quaint 4 bedroom home. Outstanding views. Richfield Springs area. Cattle & equipment available. $150,00

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MOBILE HOME PARK
200 acres w/most approvals done for 124 sites. Public water and public sewer. 16 miles to Penn State. $310,000

Bellefonte (814) 355-8500
State College (814) 231-8540
John Petuck - Broker

TO SELL FARMS IN EASTERN PENNSYLVANIA CALL

HERSHEY FARM AGENCY, INC.
Thomas L. Hershey, Realtor Associate
Hiram Hershey, Realtor/Broker
1-800-346-0505 (PA only)
215-287-8888

CABIN IN THE HEMLOCKS

1 ACRE
STOCKED TROUT STREAM
MATURE HEMLOCK & HARDWOOD TREES
1 MILE FROM STATE LAND
HOBBY SHED
FRONTAGE W/LITTLE TRAFFIC
1 Hr. 20 Min. WEST OF HARRISBURG, PA.
JUNIATA COUNTY
"UTOPIA"
$19,900
LARRY LONG REAL ESTATE
717-527-4784

AMISH EQUIPPED FARM NITTANY VALLEY, CLINTON CO.

100 ACRES, 75 ACRES TILLABLE, Good Stream

Dairy barn, 35 stanchions, 600 gal. bulk tank, 11 box stalls for horses, 2 silos, manure pit. Large house with attached store with permit for home occupation.

HERSHEY FARM AGENCY, INC.
Thomas L. Hershey, Realtor Associate
Hiram Hershey, Realtor/Broker
1-800-346-0505 (PA only)
215-287-8888

SOUTHERN YORK COUNTY

This stately and picturesque two story brick mansion of the Leader Farm was built between 1780 & 1785 as a stage coach stop, known as the Blue Ball Inn. The foyer features a beautiful center hall with open staircase. There are five working fireplaces. Over 330 acres surround 3 tenant houses with 2 apartments in each. Tillable acres total 250 with 45 in pasture. A 2 acre pond and 5 wells and a spring are the water sources. Over 15 outbuildings and barns make the farm operational for cattle or horses. (208160)

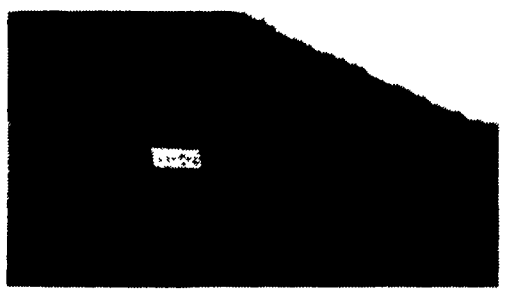
COLDWELL BANKER
BOB YOST, INC.
An Independently Owned and Operated Member of Coldwell Banker Residential Affiliates, Inc.

CALL:
(717) 235-3814
(410) 472-9320

TRAIL'S END REALTY

Route 6 & Route 872
Coudersport, Pennsylvania 16915
Telephone: (814) 274-7701

POTTER COUNTY PROPERTIES



#11
GENTLEMAN'S COUNTRY RETREAT - Located off a private roadway on 22+ acres in southern Potter County, bordering state forest land and a native trout stream. This four bedroom chalet features a bath and a half, a large field stone fireplace, a full basement with an integral garage and a workshop area. In addition to the home is 28'x30' barn with water and electric. Enjoy the country living as you overlook the valley from a large deck or just relax by the spring-fed pond. Call for an appointment to view this property.

#30
JUST LISTED HECTOR TWP. CAMP - Spacious camp has natural gas heat. Large stone fireplace. Big bunk room sleeps 6 to 10. Outside deck overlooks stream. Near Loucks Mills A good buy at $26,500.

#7
SOUTHERN POTTER COUNTY LOG HOME BORDERING STATE FOREST - Beautiful four year old log home on 9.69 acres. Secluded location with lots of fruit trees. 28'x40' log home with 8'x40' covered porch, on full basement. Two or three bedrooms - 1 1/2 baths, large living room with cathedral ceiling. Wall to wall carpet. Well insulated. Hard road access. Reduced to $84,900.

#85
MOUNTAIN GROUNDS - 109 Acres mostly wooded, borders state lands, several nice benches. Right-of-way access. Price - $75,000.

#9
PRIVACY PLUS!! - A quiet country setting in northern Potter County featuring a comfortable ranch style house on 10 plus acres of level terrain. Good year round access with the great outdoors to entertain you. Garden by the stream and enjoy life to its fullest. Asking $65,000. Not enough land you say, would 104 additional, wooded acres be enough? Hunt, fish, hike till your heart's content. Buy it all for $105,000.

Northumberland Co.
170 Acre, 90 tillable with brick house and barn, near Dewart, Pa. $315,000 quick sale.

Lancaster Co.
Farmette in Canoy Twp. 1800 sq. ft, 4 br farmhouse, 35x60 2 story barn with 3.4 acres. $134,900 poss. subdivision.

Juniata Co.
Two 1 acre building lots, Richfield, Pa. $17,500.

Northern Dauphin Co.
Very special gentleman farm. 3 Br, restored 1834 stone home and bank barn, very private setting with your own pond & trout stream on 82 acres, 55 open, bal. wooded.

I need farms in the Amish areas of Dauphin, Perry, Lycoming and Northumberland Counties.

Call Harry Zimmerman
Office: 717-299-4885
1-800-472-2641
Car: 717-575-2542
TOWN & COUNTRY REALTY

JUNIATA COUNTY ORCHARDS - FARM - FARMETTE ACREAGE - BUILDING LOTS 60 MI. WEST OF HARRISBURG, PA

ORCHARD, total of 303 acres, 110 acres fruit, 30 acres cleared, balance wooded, apples, peaches, nectarines, pears, cherries, 3 dwellings, 18,000 bu. cold storage, cement block packing shed, 2 machine sheds, immediate possession to qualified buyer, must be sold, call for details.

34 ACRE general or dairy goat farm, additional acreage for lease or sale, 2 story 4 bedroom frame dwelling, large bank barn, goat milking parlor, machine sheds, priced less milking parlor at $145,000.

5 ACRE farmette, 1½ story frame dwelling, 35x85 2 story cement block poultry house, 2 car cement block garage w/workshop area, other sheds, asking $79,900, owner states make offer.

1.8 ACRE wooded building lot, southern exposure, $19,900.

81 ACRE wooded tract, southern exposure, $97,500.

99 ACRE wooded tract, southern exposure, $118,900.

93 ACRES 73 acres tillable bottom land along large creek, irrigation potential, 5 acres wooded, excellent building sites w/southern exposure, subdivision potential, must be seen to appreciate, $215,000.

LARRY LONG REAL ESTATE
717-527-4784

THE REAL ESTATERS OF MANSFIELD

1671 S. Main St., Mansfield, PA 16933
(717) 662-2138 - Evening (717) 662-2363

ALL PURPOSE FARM
Approx. 187 acres in Chatham Township. About 80 tillable, 80 pasture and 27 woods. 2 stream through property. Long frontage on 3 roads Fair 8 room, 4 bdrm, 2 story home and 2 old barns and much more for $129,900. M-180.

AFFORDABLE MODERN DAIRY FARM
72 Holstein tie stalls on pipeline and 26 heifer tie stalls. Up to 120 head capacity under 1 roof w/young stock. 2 barn cleaners, feed 1 year manure pit. 20x60 silo. Approx. 111 acres all tillable or in intensive pasture program. Adjoining 120 acres for lease. 10 room, 4 bdrm farmhouse, $100,000, 5% interest FmHA mortgage. Spring possession. Tioga County near Mansfield, PA. Just $159,900. M-121.

STARTER FARM WITH POTENTIAL!
68.69 Ac. small-scale dairy farm. 2 story bank barn w/37 tie stalls, pipeline, bulk tank, gutter cleaner & silo unloader. 2 story, 3-4 BR country home needs new roof. ± 20 Ac woods. ±45 Ac. tillable. Long road frontage along gravel road in Farmington Twp., Tioga Co., PA $82,900. M-165.

TIOGA COUNTY - JUST LISTED!
Over 237 acres abound on this working dairy farm. Roughly 100 acres tillable, 57 acres pasture, 78 woods. Universal pipeline system serves 83 tie-stall barn. 2 silos w/unloaders and 800 gallon Delaval tank. Large 5-6 BR, 2 story farm house w/large eat-in kitchen. Clean & Green. Stream and pond. Negotiable Spring possession. $223,900. M-242.

DAIRY/BEEF OPERATION
Just listed in northwestern Tioga County. Approx. 115 acres of river bottom ground included with tremendous set of buildings. 35x152 starter barn, 70x226 main barn set up for 400 head capacity. 30x120 feeder barn, 24x112 finishing barn, 50x150 shop/machine shed. 16,000 bushel grain storage. 2 silos, 950,000 gallon liquid manure storage tank, much more w/8 rm., 4 bdrm. house for $195,000. Additional 105 acres and $70,000 ranch home over finished bsmt...for package of $299,900 M-224.

DEMEREE REALTY

Rte. 3 Box 91H
Little Falls, NY 13365
Phone & Fax (315) 823-0288
George Demeree, Broker

#143B - 125 A. HOBBY FARM w/80 tillable, 2 story barn for 60 cows & 14 heifer & 16x50 ft. concrete silo - **$110,000.**

#149 - 440 A DAIRY FARM w/300 tillable - like-new 40x200 ft. barn w/80 ties, 2 box stalls, office, 2" pipeline, 1250 gal. B.T., 50x80 & 36x100 ft. storage barns & 2 lg. silos - & 3 B.R. 2 bath home - **$415,000.**

#202 - 97 A. DAIRY FARM w/60 tillable - Lg. barn, LIKE-NEW, w/65 ties plus 17 heifer stalls - lg. machine shed, 20x72 ft. silo w/unloader 10 rm. 2-fam. home w/rental apartment - lots of road frontage for development. **$255,000.**

#113 - FOOT OF ADIRONDACKS - 398 AC. WILD LIFE HAVEN w/ Abundant spring water & creek is hunter's paradise - 3 parcels w/owner financing - **$165,000.**

#606 - 47 A. HOBBY FARM w/woods, pasture, pond & yr.-around creek - 2 story barn for horses or beef & V.G. 8 rm. colonial home - quiet, private area w/EX. view - **$140,000.**

#701 - 168 A. DAIRY FARM w/100 tillable - 60 cows on pipeline, bulk tank. 2 silos & good 11 rm. 2-fam. home - **$179,000.**

#609 - 165 A HOBBY FARM w/55 tillable, barn w/32 stalls, lg. shop w/ concrete floor, silo, mach. shed & V.G. 7 rm. home w/new furnace & deck **$275,000.**

#401 - 110 A. DAIRY FARM barn w/71 ties + box stalls, 2 silos, mach. shed, 14 rm. colonial home w/hardwood floors - **$150,000** - more land avail.

FREE FARM LISTS AVAILABLE

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the March 27th or February 27th issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse	(814) 364-1705
Mel Rockey	(814) 466-6688
Terry Gingher	(814) 364-1169

KISSINGER LEONARD & BROWER Realtors

245 S. Allen St.,
State College, PA 16801
(814) 234-4000
1-800-876-3395

VIA REALTY
304/753-9839
Monroe Co., WV
Farms, Land, retirement homes on 1 or 2 acres. Secluded 2-story on 50 acres, $110,000.

PONDEROSA IN BERKS COUNTY

12 Acre Farm with magnificent 3 year old, 3500 sq. ft. log home. Stocked pond, 5 stall barn, acreage fenced. Easy access to I-78 between Harrisburg & Allentown. Total Privacy $419,900.

Call Bruce Silfies
Re/Max of Reading
1 (800) 225-4663

COME SEE...COME SIGH!

Rustic charmer overlooking a scenic valley of the Tuscarora Mts. 17+- Ac. of rolling pasture w/pond, stream, orchard, woodland & some fencing. Perfect for cattle or horses, Custom built 3 yr. old colonial w/4 BR & 3½ Baths, dream kitchen, uniquely crafted oak hardwood floors and walls throughout. LR w/fireplace & French doors open to full veranda. Walk out finished basement and family room. Enter attached 3-bay garage w/½ bath thru enclosed breezeway. Add'l 4-bay over-sised garage w/RV stall adj. to home. Ideal for antiques, repair or wood shop business Franklin Co. 10 mi. N. of turnpike, 50 mi. W. of Harrisburg $225,000. Call owner at
717/349-2244

Stonehurst Farm 1786 - Restored stone and brick house on 131 acres. Four bedrooms, 2 baths, bank barn, indoor arena and out buildings. Set up for beef cattle or horses.

Magnificent 360 Degree View! 390 acres with stone bank barn, tennis court, a lake and several stables. Stone four bedroom house with balcony off master bedroom.

Price Reduction! Additional Reduction If Settled by May 15, 1993. Operating 97 Acre Dairy & Hog Farm. Bank barn, dairy barn with 30 tie stalls, calf pens and 200 head capacity hog building. Renovated 4 bedroom house featuring bright country kitchen.

Four bedroom brick house overlooking a pond. Bank barn and outbuildings on 135 acres.

ThePrudential
Stewart Real Estate
47 West Pomfret Street
Carlisle, PA 17013
(717) 245-9393

An Independently Owned and Operated Member of the Prudential Real Estate Affiliates, Inc.

CENTRAL VIRGINIA

GREAT LIVING! LOW TAXES.

Retirement - 59 Acres, 45 in pasture. Nice ranch home, good outbuildings, beautiful lake. Great Buy at $197,000.00.

Immaculate brick rancher on 7.5 acres. Garage and outbuildings. $110,000.00.

"Merequeen Farm", 320 beautiful acres, great ranch home overlooking James River, guest cottage, pool, Mgr's home and much more $695,000. Video upon request.

308 acre cattle farm, ranch home, 5 acre lake, 165 acres in grass. Great buy $335,000.

85 acres, small home, $115,000.

382 acres, 228 acres open, outbuildings, $389,000.

Secluded 308 acres, 148 acres pasture. $175,000.

36.5 acres retirement tract. $29,200.

"ON GOLDEN POND"

Nice 7 room, 2 bath log home overlooking a 12 acre lake on 72.5 acres. $185,000.00.

Many Other "GREAT BUYS" on Farms - Homes & Land.

"FREE Brochures upon request"
Contact "Mike" or "Kip" Lafoon
Coldwell Banker
Lafoon Realty, Inc.
720 Oak Street, Farmville, Virginia 23901
1-800-767-6191 or 804-392-6191
After 5, Mike 804-392-4375, Kip 804-392-3002

A MEMBER OF THE SEARS FINANCIAL NETWORK

COLDWELL BANKER

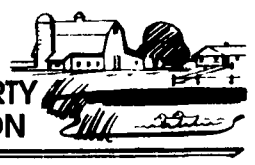
LAFOON REALTY, INC.

HERITAGE REALTY GROUP INC
1525 Science St., State College, PA 16801
814-231-0101

"FULL TIME, FULL SERVICE, EXPERIENCED."

Contact: DON C. MYERS
Residence: (814) 422-8111
KENNETH L. HALL
Residence: (814) 387-6273

FARM & RURAL PROPERTY DIVISION



CENTRAL PENNSYLVANIA FARMS, FARMETTES AND LAND

MONTOUR COUNTY

#6161FA DAIRY FARM LIMESTONEVILLE AREA, $285,500 OPTION 1 (OPTION 2 $349,500)$425,000 OPTION 3

* 50 acres w/48 acres tillable, 2 acres site (Option 1)
* 97 +/- acres w/90 acres tillable, 5 acres woodland, 2 acres site. (Option 2)
* 124 acres w/117 acres tillable, 5 acres woodland, 2 acres site (Option 3)
* 2 story stone & frame home w/main living area and 2 apartments, 67 tie stall dairy barn, 35'x126' heifer barn, 20'x70' & 20'x72' silos, lagoon manure system, milk house outbuildings.
* Located in an excellent agricultural area, very well maintained, limestone soil

CENTRE COUNTY

#6168FB 8.5 ACRE FARMETTE, POTTERS MILLS AREA $209,500.

* 8.5 acres, with 1 acre site, balance tillable.
* 1 story 28'x52' ranch home in immaculate conditon, and a 30'x48' heated and insulated garage.
* This listing is well suited as a farmette for horses. It has nice views, quality landscaping, and subdivision potential. The house and garage are very well built and cared for. The garage has potential for use as an office or in-home business

#6154FA 55+/- ACRE HORSE FARM, BELLEFONTE AREA, $325,000.

* Approx 55 acres, with 18 tillable, 20 pasture, 13 woods, 4 site and misc
* Sound buildings include a 2 story double house, two story bank barn, a 60'x120' clear span riding arena, a separate 28'x42' horse barn, a 20'x120' implement shed, and other outbuildings
* There are a total of 24 box stalls for horses. The farm has an outdoor riding area, and a paved barnyard It is in a desirable geographical location in Centre Co

#6157FB 34 ACRE FARMETTE, SPRING MILLS AREA, $199,500

* Approx. 34 acres, with 13 tillable, 12 woods, 8 pasture, 1 site.
* This property has an outstanding 2 story home constructed in 1984. It is very energy efficient, and includes a heat pump heating system. There is a two car attached garage
* The house has a very nice setting away from a paved secondary state road, and is in immaculate condition.

HUNTINGDON COUNTY

#6225FA - GENERAL OR BEEF FARM - PETERSBURG AREA $295,000

* Approx 170 Acres w/125 tillable, 27 pasture, 13 woodland, 5 site & road frontage
* Sound 2 story brick home w/new 1-story attachment, (2) 1 story pole barns, 1 Quonset Shed
* The buildings on this farm have a very nice setting away from the road. There is significant public road frontage and a small year-around stream. The Majority of the land is gently to moderately rolling. 16 miles from State College.

#134 FA - RIVER BOTTOM LAND - ALEXANDRIA AREA - $99,500

* 55+ Acres (45.6 tillable, highly productive)
* Ideal for truck cropping and irrigation
* Situated in an excellent location for direct (roadside) marketing

MIFFLIN COUNTY

NEW LISTING #7278FA 123 ACRE DAIRY FARM, McVEYTOWN AREA, $424,000

* Approx. 123 acres, 81 tillable, 30 woodland, 12 acres site and pasture
* Remodeled stone house, 2 story, bank barn, implement shed, corn cribs, 2 car garage
* This farm has gently to moderately rolling land and active Conrail Railroad borders the North side of the farm

LYCOMING COUNTY:

#6026FA 197 ACRE GENERAL OR RECREATIONAL FARM - MUNCY AREA - Reduced $224,500 WITH TIMBER $187,500 WITHOUT TIMBER

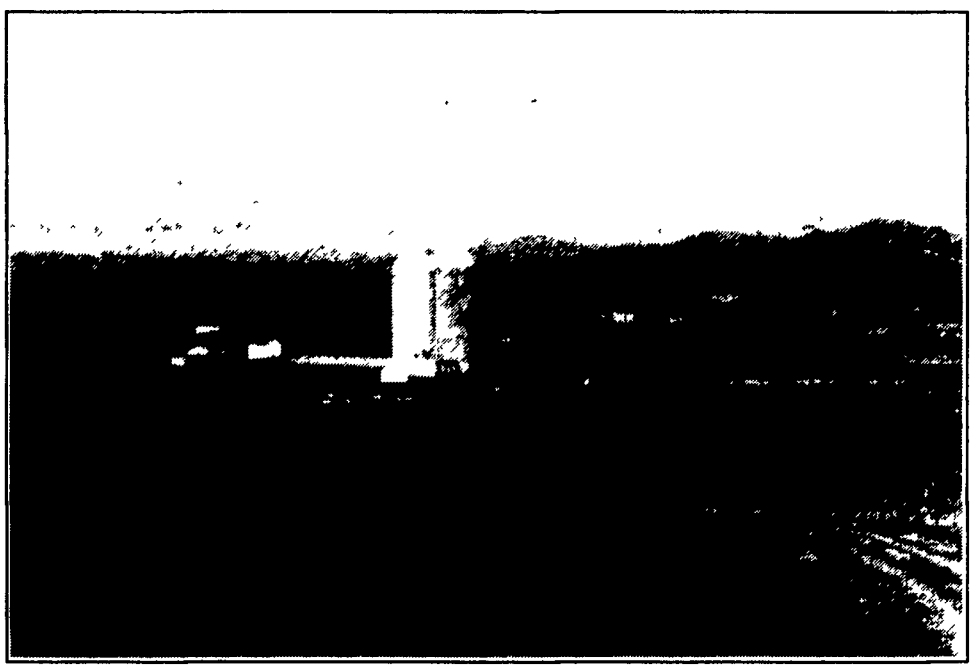
* Approximately 197 acres, with 80 acres tillable, 113 acres pasture and woodland, 2 acres site, 2 acres roads.
* This farm has a small 2 story home that would be well suited for use as a cabin, and two concrete block silos.
* Approximately 50 to 60 acres of the woodland on this farm has not been timbered since 1920. There are four small streams, two with natural waterfalls, and several springs. It has a substantial gravel township road frontage. This property is ideal for hunting and recreational use.

CLINTON COUNTY

* Several excellent hunting camp land parcals, 10 to 50 acres in size, level topography wooded, near Sproul State Forest, $500 to $1200 per acre.
* 127 acres joining Sproul State Forest, beautiful native trout stream, gently rolling topography, $57,300

DETAILED BROCHURES ARE AVAILABLE FOR EACH OF THE LISTINGS OVER 75 VACANT LAND PARCELS - 1 TO 400 ACRES AVAILABLE IDEAL FOR CABINS AND HUNTING - FREE LISTS.

OUTSTANDING AGRICULTURAL PROPERTY!



CASCADES FARM - 611 ACRES

SHENANDOAH VALLEY, VIRGINIA

Beautiful 611 acre farm with good soils in high state of fertility. 200 acres cropland, 33 acres hayland, 175 acres improved pasture balance in wildlife abundant woods. Magnificent cascading stream through middle of farm. Several additional streams and bold springs. 2 - 30x70 concrete stave silos & feed lot, equipment shed, bank barn and several other buildings. 2 story frame farmhouse. Near Historic College Town of Lexington and Virginia Horse Center. 1992 Real Estate Taxes (LU): $1,893.90. **$1,250,000**

For details on this or other farms & land contact:

James Wm. Moore Real Estate
28 South Main • Lexington, VA • 24450 • 703/463-7080

SOUTHERN YORK COUNTY, PA

75 ACRE HORSE FARM: Featuring a 4 yr. old 2-sty contemporary w/approx. 4000 sq. of living space, inground swimming pool, spacious grounds, private setting. In addition a 2½ -story farmhouse (caretaker's) is incl. along w/a lrg. bank barn w/14 horse stalls, a 75'x225' horse barn & indoor riding arena which features 16 horse stalls, office & lounge areas, tack rooms, feed storage rooms & an instructor's visitors receiving area. Pasture land is fenced w/separate pastures & run-in sheds. An outdoor training arena is also included. This facility is a complete set-up for boarding & training facility. All buildings & grounds in excellent condition. shown by appointment only. Owner financing.

..... $695,000.00.

Call Vern Raffensberger.

WHITE ROSE REALTY, Inc.

717/235-6911
717/846-4930

FARMS CUMBERLAND COUNTY

87 Acre Dairy, rolling limestone, wooded pasture and 70 acres cropland, springs and stream. Road frontage, 4 BR stone brick dwelling. Call for details.

95 Acres m/l some wooded, gently rolling, shale soil, bank barn, implement building, log & frame farmhouse Call for details.

Land 47 Acres Limestome Soil, Zoned agricultural, several acres wooded, east of Carlisle, Frontage on two roads. Call Charles.

Charles Wenger, GRI, 263-0945
Wilbert Diehl 776-7707

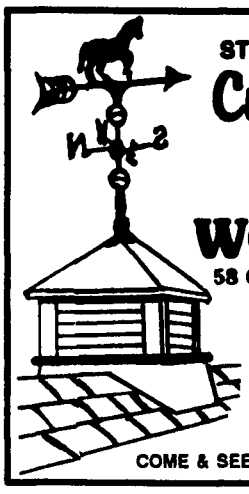
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

PERRY COUNTY - 137 ACRES

Offered to the astute investor who is following the growth cycle pattern of Penna. Perry County investments are solid growth opportunities, and the time to act is now. This unique property has unlimited possibilities. Not remote, but private setting just off the highway. Borders state game lands on 2 sides. Natural lake site with water originating on the property. Large timber growth on 75 acres with mature pine grows breaking up the cleared areas. Livable cabin with fireplace and utilities and barn. Good road system, private secured entrance. Enjoy this property while your investment grows for you. Call to discuss.

717-567-3926
Anytime

FOR GARAGES, HORSE BARNS, GAZEBOS, STORAGE BARNS, COMMERCIAL BUILDINGS, ETC.



Cupolas and Weather Vanes

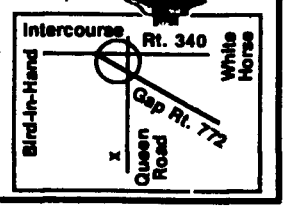
REDWOOD BIRD FEEDERS

MANNIE'S WOOD SHOP

58 Queen Rd (¼ mile S. of Intercourse)
Gordonville, PA 17529

Ventilate and Decorate

Cupolas Manufactured & Custom Built



COME & SEE OUR INVENTORY ON DISPLAY

Wholesale and Retail Greenhouse $295,000.00

Six heated greenhouses attached to a 4,000 sq. ft. block building with walk-in cooler, 3 bay garage and retail/work/office areas, 3 bedroom apartment above on one end, 4 bedroom apartment above on opposite end. Reading area.

RICH BRANDT FARM REAL ESTATE
2033 Penn Avenue, West Lawn
Reading, PA 19609
(717) 274-3622 - office - (215) 678-1122
FAX: 215-678-8158

Marlin H. **Fields** *Real Estate*

Regional Office
101 North Wayne Street
Lewistown, Pa. 17044

(717) 248-5451
(717) 248-3904 (FAX)

New Listing

Huntingdon Co. 87 Acre General Farm, 20 acres tillable, balance woodland. House, bank barn & pond. 3 miles south of Three Springs, close to Lake Raystown. $140,000.

RACHEL PORT - Realtor
1-814-669-4194 Home

MARLIN H. FIELDS - Broker
Ofc - 1-717-248-5451
Home - 1-717-248-9308

Huntingdon Co. 277 Ac. (200 Ac. Tillable-Good Land) 60 tie stalls with pipeline, 2 silos and 5 BR house. **Owner desires to sell this spring!**

SERVING THE FOLLOWING COUNTIES WITH BROKERAGE AND APPRAISALS
Mifflin, Centre, Huntingdon, Juniata, Perry, Snyder, Northumberland and Union.
MEMBER OF LOCAL MULTI-LISTS

CUMBERLAND COUNTY 2 FARMS - MOTHER & SON

- 151 Acres, Super Brick House, Large Equip. Shed & Bank Barn
- 152 Acres, 65 Cow Dairy, Nice Frame House

Both Ideal For HOg or Poultry Confinement

LANCASTER COUNTY

10 Acre horse farm w/5 BR frame house - 15 stalls - very nice.

BEDFORD COUNTY - MULTI-FAMILY FARM

178 Ac Dairy with 145 T A. Mostly sandy loam soil - stream 3 silos w/TMR and auto feeder thru 73 free stalls attached to older bank barn, 2 year old double-6 herringbone w/960 gallon tank milking 107 cows (also for sale - along with farm equip) 3 dwellings - 5 BR, 4 BR, 1 BR all oil heat 3 garages DRASTIC PRICE REDUCTION!

PERRY COUNTY

21 Ac. Farmette (75 Ac available) 6 BR stone house w/2 kitchens, 2 baths, garage, bank barn, several other outbuildings w/insulated workshop and pond Possible Bed & Breakfast - Horse riding trails, etc

MAHLON OBERHOLTZER AGENCY

Your Central PA Farm Broker
Smoketown, PA 17576 (Lanc. Co.)
717-392-1177

Longacre

OTHER FARMS AVAILABLE

Please Call and Tell Us Your Preference

PAUL M. LONGACRE

REAL ESTATE BROKER
Rt. 100 Hereford, PA 18056

Ph: 215-679-5919
Donald R. Longacre, A.S.B. (215) 679-5910
Paul Zeisloft, R.E.S. (717) 437-2305
Wilson Hoffman R.E.S. (215) 845-2443

MONTOUR COUNTY (Between Washingtonville & Danville)

• 133A m/l a prestigeous estate farm has everything to offer Location, privacy, a lg. frame 4 br. house w/2 full baths, modern kitchen and dining combination, den, LR w/fireplace, picture window overlooking 3 acre pond, 100 tillable acres, large bank barn equipped for beef & hog, large pole shed for equipment, located in good farming area. Shown by appointment only. Contact Paul Zeisloft, 717-437-2305.

BRADFORD COUNTY

• 116 Acres Dairy Farm, Approx. 80 Tillable, Rest Pasture, Lg. 2 Story Frame House, Modern Family Kitchen, Lg. LR, Family Room, 2 Baths, 8 BR, Laundry, W/W Carpet, Lg. Dairy Barn With Double High Trashing Floor With 1 Story Addition, 70 Tie Stalls, Pipeline Milker With Lg. Bulk Tank, 3 Silos, Harvestore Grain Silo, Lg. 4 Bay Garage 36x60 Metal, $225,000.

• 120 Acres, 65 Tillable M/L, Pasture 40 Acres, Remainder Wooded. Containing 3 Houses, (1) 2 Story, 8 Room, 1½ Baths, w/Attached Garage, (1) 1½ Story, 7 Room, 2 Car Detached Garage, (1) 1 Story, 3 Br., Bath, Detached Garage. 44 Stall Cow Barn, Milk House, Bulk Tank, Pipeline Milker. All Modern Conveniences. 2 Concrete Silos. Asking $250,000. Can Be Subdivided.

LYCOMING COUNTY

• HOUSE FOR SALE, NEAR MONTGOMERY, PA. BETWEEN RT. 15 & PRISON NEAR RT. 54, Rancher w/Brick Front, Aluminum Siding, 3BR, Eat-In Modern Kitchen, Full Bath, Full Basement, Oversized 1 Car Garage Attached, $138,000.

• 1A Adjacent, Lot Can Be Bought $17,500.

TIOGA COUNTY

• 182 acres m/l dairy farm, 53 tie stalls with 2- 16x55 concrete stave silos, shop 30x30, horse barn 30x52, 2½ " S S. pipeline milkers, 500 gal. bulk tank, bull pen, heifer barn. 2 story frame house with aluminum siding, "big" modern farm kitchen with solid oak cabinets, LR, DR, laundry, office, wall to wall carpet throughout, 3 BR, 2 full baths, plus attic, $200,000. Cattle, Machinery At Extra Cost

• 213 acres, 160 tillable, 7 acres wooded, 46 pasture, all contoured, 16 room frame house, 1st floor remodeled, brand new farm kitchen, 3BR, LR, Lg. modern bath, 2nd floor, apartment 4B[illegible]itchen, LR, full bath. 65 tie stalls, 3 concrete [illegible]s, (2) 16x70, 20x70, with unloaders, barn [illegible] pens, and dry cow pens, New Plus 2" pipeline, [illegible]units. Sheds, 40x78, Quonset hut 40x70, equipment shed w/corn crib 40x128, good corn and alfalfa ground, $268,000. Also to be bought at extra cost 75 cows and a very good line of equipment.

SOLD

BEDFORD COUNTY

• 186 Acres M/L, 105 Tillable, 15 Acres Pastureland, 40 Acres Woodland, Gently Rolling Ground. 2 Houses, #1- 2-Story 4 Bedroom, Modern Eat-In Kitchen, Living Room, Dining Room, Full Basement; #2- 1-Story, Full Basement, Patwell House, 3 Bedrooms, Modern Kitchen, Dining Room, Living Room, Breezeway 80 Cow Free Stall Barn, 120' Long x 45' Wide, 50x60 Barn w/28 Stanchion, Universal Pipeline w/6 Milkers, Automatic Washer, 1000 Gal. Mojonnier Bulk Tank. 3 Silos: 20x68 Poured Concrete w/Jamesway Unloader, 16x50 Stave Silo w/Acorn Unloader, 12x40 Concrete Stave Silo. 14x20 Garage And Workshop, Grain Storage & Double Corn Crib, 2 Car Garage Below. Add'l Oversize 2 Car Garage. $255,000.

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4 RIB

Size	Ply	Price
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1000-16	6 Ply TT	$89.95
1000-16	8 Ply TT	$94.95
1100-16	8 Ply TT	$110.95

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Size	Ply	Price
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11L15	8 Ply TT	$54.95
12.5L15	8 Ply TT	$79.95

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18.4-30	6 Ply	$319.95
18.4-34	6 Ply	$339.95
18.4-38	6 Ply	$389.95
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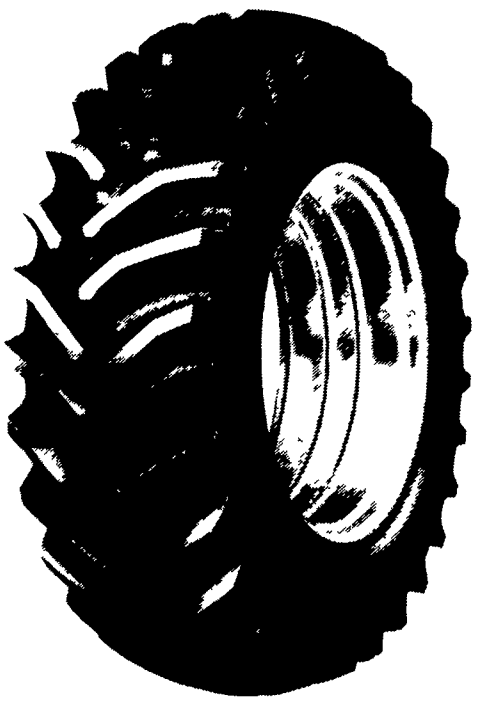

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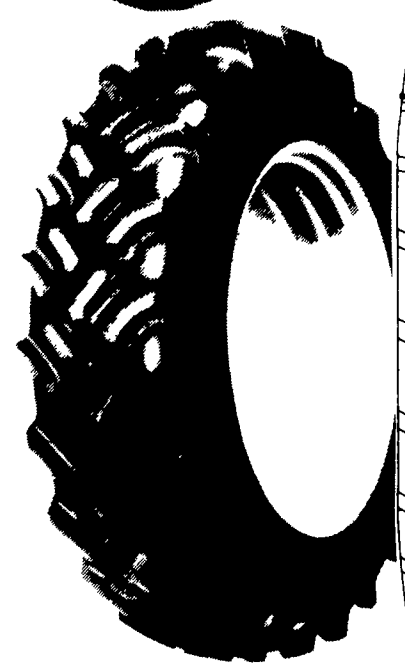

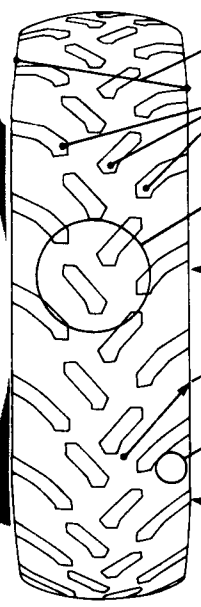

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16-9-R30	$429.00

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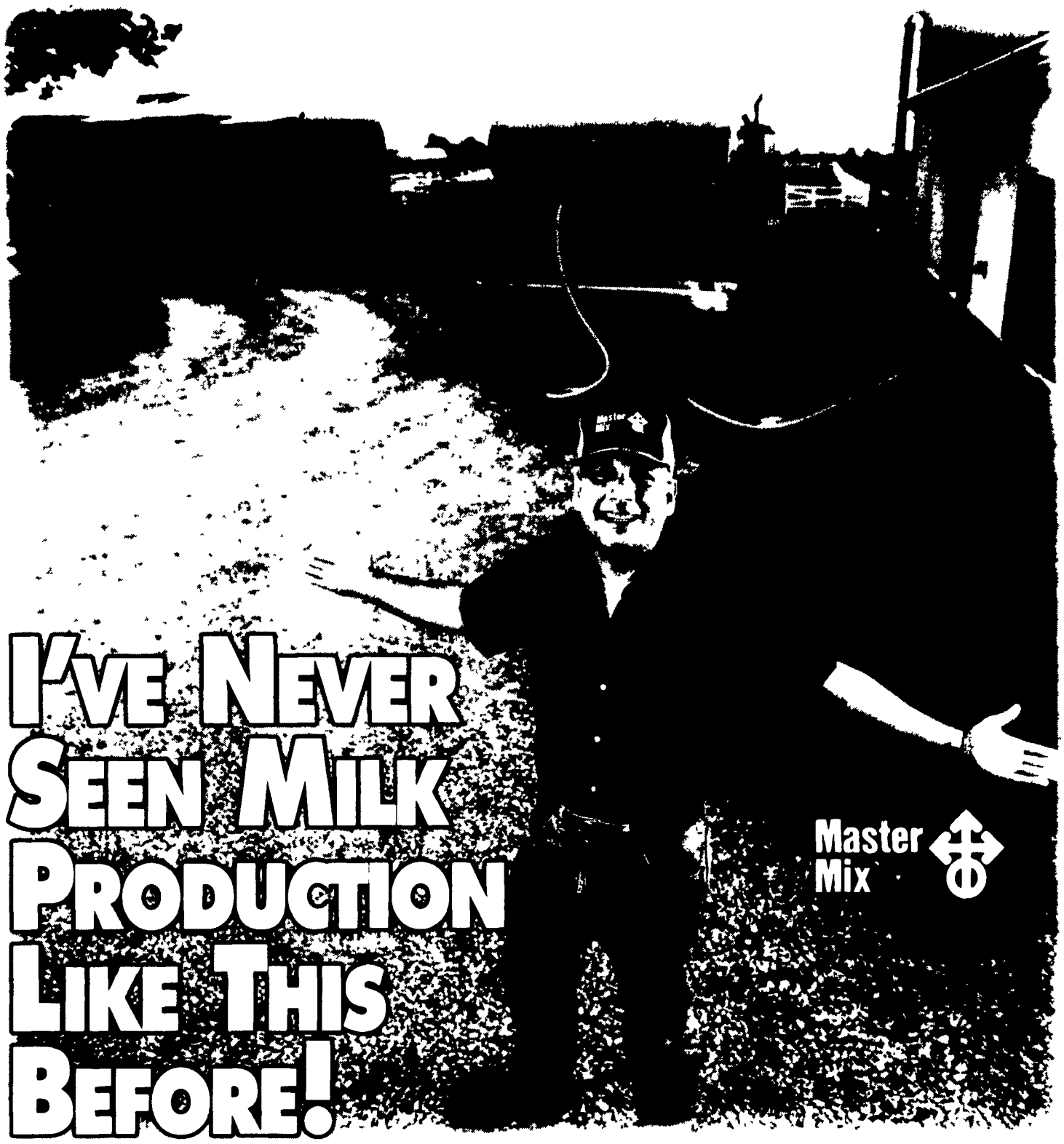
Goodyear Auto Service Center 260 W. Hamilton Ave. State College, PA 814-238-4955	**Zimmerman Farm Service** School Rd Bethel, PA 717-933-4114	**Shueys Sales & Service** Jonestown Road Ono, PA 717-865-4915	**Pat & Red's Tire Service Inc.** 107 Brown St. East Stroudsburg, PA 18301 717-424-6178	**Hockessin Goodyear** PO Box 1215 7441 Lancaster Pike Hockessin, DE 19707 302-239-2512



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Mo-Trim 5' rotary mower, right side mid-mount on hyd arm, came off Int tractor Somerset Co 814-926-2205

1939 EH Mack truck 15' dump bed, 30,000 orig miles, $10,000 Cambria Co 814-487-5139

Surface planer 16" industrial cast iron radiators nice, Ford dump truck tandem stair glide chair lift, like new. Berks Co. 215-488-7658.

6000 lb Clark forklift w/ pneumatic tires & dual wheels, selling cheap also standardbred stud service Clinton Co. 717-726-6894

JD 200 gal sprayer w/ Century 28' booms, no drip nozzles & hyd. pump, nice cond, $600 Berks Co 215-756-6486

3 sinktop vanities all 22" deep, cabinet doors under w/hardware, 31 wide, 35 wide, 66 wide w/2 sinks. Fairfax, Va 703-759-5281

Swan Royal mute mated pair $300, can deliver Harold Smith. 410-692-2324

B98 Patz silo unloader $1,650 C11 Gleaner combine 14' grain head. Juniata Co 717-436-9142.

Oliver 1855, gas, wide front, 33,000 hrs, $3,750, 7½' Myers blade $375, 86 Ford Aerostar black 74,000 $6,000. Lanc Co 717-859-3662

1 pair 6 yr. old Belgium horses 17 hands broke to work anywhere, $4200 Lanc Co 6082 Spotts Rd, Narvon, Pa 17555

TH C15 combine good cond. 810 grain head 824 corn head $4400. Butler Co. 412-898-2353 eves.

Corn silage excel. quality delivery avail. Lanc. Co 717-768-7550 call anytime

Ridgid pipe threader like new threads 2½" to 4" pipe w/9 sets of dies $500 Mont Co. 215-723-7933

Pair 18 4-34 Goodyear special sure grip like new extra deep rice & cane type lugs $500 pair Dau Co 717-564-0579.

Int T-340 crawler dozer, 6 way blade, 3 pt., many new & rebuilt parts, 95% undercarriage, $8000 invested, asking $6800 Berks Co 215-562-8784

1972 Chrysler- new transmission - did run, DeLaval cream separator, Myers ¾ HP recondition submersible pump, make offers may except 717-274-1706

Straw & good quality mixed hay by ton, you haul Cumber. Co 717-766-3022.

1971 Int. truck 14,000 gross good cond., good farm or gen. hauling. Sch. Co 717-739-2407.

Craftmatic adjustable orthepedic single bed good cond, used very little, $350, 8' oak steps, $100. Lehigh Co 215-285-2611

Ontario grain drill 10 hoe on steel, 8' lime drill on rubber, $75 ea. Berks Co 215-562-8775 call 7-9 p m

1970 Int. truck tractor single axle gas 5+2 24" tandem axle flat trailer. Montour Co 717-742-7463 after 3 p m

DMI 38" duals, 2-4"x16" hyd. cyls, TD6 w/blade will separate, 4000' ⅛" stainless steel cable, Simmental & Hereford bulls, 2-F-20's. Adams Co. 717-528-4914

Jevco plaster machine good cond, asking $2400 Lanc Co 717-575-1696

Hay w/some alfalfa, mostly cheat, good mulch 65¢ per bale. Franklin Co. 717-532-3736.

Vermeer R. baler 605A, JD 1000 4B plow, NH 488 haybine, Long 900 80 HP tractor, 12 or 14 disk, JD FBB 17 disk drill. Blair Co 814-944-0818

Soil sterilizer, ½ cubic yard cap, 240 volts stored 15 years, never used delivery possible, $225 offer Fulton Co. 717-573-4305

AC-600 no-till planter 4RW $500, DJ3M-4 monitor w/ AC-600 sensors $250, Demco double squeeze pump 4-row $300, all good Perry Co 717-444-3246.

500 bales straw bedding or mulch, $1.00 bale. Dau. Co. 717-362-4344.

Border collie puppies purebreds males, females, no papers working parents on farm shots, wormed ready April 26, $50. Lanc Co. 717-626-5395.

15-acre horse/beef farm w/ rental income, double house, mobile home site, bank barn, good hunting area Mifflin Co 717-259-9696.

Pump organs, (two) Estey & Sterling, good but needs some work. Chester Co. 215-469-6302

2 breeding male llamas, 5 mths, 1 female llama, excel quality, healthy, sheep fleeces black, brown, grey, white. Dau Co. 717-362-4315.

Ford 5', 3 pt, rotary mower, model 901 (22-60), good cond., $400/OBO. Lehigh Co. 215-799-2536.

Military generator (needs work), $300 OBO, David Bradley runs good 5 attachments, $150, 1928 Kelvinator stove $100. Monroe Co. 717-421-6052.

Berks Douglasville 21 acres all hay 3 bdrm. old stone, new 24x48 pole bldg small barn asking $250 215-326-4578.

Beautiful shade trees wholesale, just give John a call for free catalog Pioneer Acres Nursery, Sewell N J., Gloucester Co 609-589-1848

Black Angus cows bred white yearling, bull charolais, nice building lot close to I-83 717-244-9381

1st cutting, timothy, orchard hay nice color made young, guaranteed no mold, $105/ton deliver in 7 ton load. Sch. Co 717-345-4109 eves.

AC WD 3 pt 12V new rear tires, Ford 311 4 row corn planter, Oliver 2 btm trail plow new btms Carbon Co 717-427-8274

Polled Hereford 1- 2 yr old w/calf, 2- 3 yr old pregnant cows, 1- 2 yr old bull, all or one, nice stock from $800 Montg Co 215-287-5370 after 5

92 Hatch peacocks mandarin ducks barbary partridge gambel quail shetland sheep 4-horn ram lamb pygmy goat kids Lanc. Co 717-656-0038.

Yearling polled bulls, black simmental, red simmental charolais, good purebred stock, top A I. bloodlines, some females also York Co 717-428-2309

1980 Int. truck 26,000 GVW, 20' van body. Lanc. Co. 717-665-3393.

Travel trailer 1971 Prowler 18' sleeps 6, bath, shower, stove, refrigerator, heater, $1500. Adams Co. 717-334-5032.

Oliver 88 whole tractor exept motor no motor good tires trans. good rear end good tin work, nice brakes good $300. 215-536-5877 or 215-679-6632.

Furnival crawler, Briggs & Stratton engine, hyd. blade, good running cond., $1500, Bolens ridemaster $300. Bradford Co. 717-265-6465.

48" floor feeders ft. stapler 24" mounted fluorescent lights 32-H incubators & hatchers, units single H-10 hatchers plastic egg carriers. 215-932-8286.

High moisture corn Leb Co. 717-866-4388.

Ford tractor 1900 28 HP diesel 3 pt 5' Woods mower excel. cond., $4950. Nptn. Co. 215-837-6550

1981 Honda Civic 4 dr. 5 sp. brown runs good, $750, Troybilt rototiller 6 HP electric start need carburator $350. York Co 717-741-2215.

Used free stalls for curb mount 45 ct. 717-264-2960.

IH 10 semi-mount 13 hoe S.D. grain drill fert. grass box like new. Adams Co 717-677-9456 eve weekends.

48 Chev 71 Ford dump trucks 51 Chev. 54 Ford pickup, 14' fiberglass boat, D-2, D-4 cats. Adams Co 717-528-4969.

Depression glass Bavarian & other pieces. Col. Co 717-925-6825 after 6 p m

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Reg 6 yr. old Appaloosa gelding experienced rider ask for Tim. Lanc Co 717-267-3587 or 717-627-1023.

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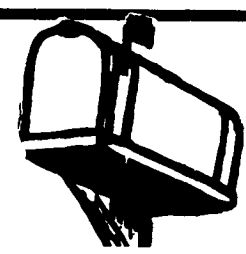

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JD 15 gal lawn & garden sprayer new $225. Lanc Co 717-569-3359

Terrier pups Toy Fox smooth 6 wks , $50 ea Airville, Pa 717-862-3486

Ford #22176 rotary mower 3 pt hook-up Union Co 717-966-2433 call after 4 p m

2 Jerseys, first calf heifer just freshened, 1- 5-year-old cow both good milkers Union Co 717-568-8144

Husky 3100 gal tank spreader w/injectors & tandem axle, also 10' vertical shaft pump. Leb. Co 717-949-3866.

Int 55T baler baled less than 20 acres Mifflin Co Michael Hostetler, RD1 Box 54, Milroy, Pa 17063

1981 Mack w/26' rollback, also Farmall A w/Woods finish mower. North'd Co. 717-524-2473

10 ton E Z 3 beater wagon w/roof- $2,000, Gehl 630 3 beater wagon w/roof, $900 Lanc Co 717-665-6930.

Tires 2 straight 2 snow tread 8 75-16.5 on- Ford spoked 5 lug wheels excel tread $150 firm York Co 717-292-3294

Detroit 4-71 like new 2,100 Ford LN800 dump 3,500, GMC 82 pick-up diesel 2,400, Dodge 1 ton 4x4 dump 1,500, Chevy pickup parts leave message Adams Co 717-337-0362

Exercise bike- Sears, pony cart, antique 1 btm plow, truck tires 255R16, 225R16 York Co 717-927-6823 after 6 p m

Eggomatic 160 candler-grader $300, Ford LN600 flatbed $2000, NH 1002 56 bale stackwagon $1600 Luz Co 717-788-1508

Gondola shelving & shopping carts, good cond Samuel Esh, East Newport Rd , Gordonville, Pa Lanc Co ½ mile east of Intercourse.

Craftsman 10" radial arm saw w/12 GPM hyd motor, excel cond Leb. Co 717-949-3299 after 5 p m or Sat.

White #285 18' field cult , excel cond , all new shovels, $1800. Leb Co 717-469-0356 after 5 p m

Mobile feed grinder on 1962 Int w/bulk blower. North'd Co 717-275-2009

Ferguson 2-12", Ford 2-14", Ford economy 2-16", Ford 2-16" 101 plows Dearborn 6' disc, D H 6' sickle, Ford 6' flail J D 6' pull disc Bucks Co 215-847-5907

Tractor- Jim Dandy economy- new tires, 12 HP Kohler engine, no attachments, $400. Red Lion, York Co 717-246-2906

NI 14A 70 bu spreader $700, snow blower fits Cub Cadet 10 HP best offer Orange Co N Y 914-986-1348

Int. 205 combine 10' grain head 2 row picker runs or for parts best offer. Chester Co. 215-383-5647

Beautiful 2600 sq. ft house large acreage pond hayland borders state forest Bradford Co Jones & Jones, 21 Bloomfield Ave., Flemington, N.J. 08822.

Jamesway water bowls (20), Jamesway stanchion jacks (15), lever jacks for 4' stalls Chester Co 215-326-5951.

Clutch-reductions for 2 & 4 cyl Wisc. engines, as low as $325, New Kuhn rakes w/engine mounts. Lanc Co. 717-656-0824 7.30-8.

6R7000 Cornplanter; Liquid fertilizer, conservation, good $6300. 4RN liquid $4600 4R dry fertilizer auger fill $200 717-354-4191 Bill Lanc.

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84 Coachmen Limited Edition Travel Trailer 23½ ft , sleeps six, full bath w/ shower, awning, battery reserve, excellent condition, single family ownership Must see 717-560-8894, Lanc Co.

Spotted Jack Donkey, quiet, cute, likes people, 12 H, 4 yrs. old Chester Co 215-692-6059.

NH 258 Rolabar Hay Rake, good condition, $750 Somerset County, NJ 908-359-3738 days

Firestone tractore tire Good tread 11-2 x 36 Fits 10 in rim. Also side dressing fertilizer attachment for Farmall A.V. Phone 301-739-4435

Timothy alfalfa hay mixed hay, no rain and wheat straw, Berks Co 215-689-4168, $2 00, hay straw $1.75 or best offer

John Deere Hay conditioner $190, John Deere Two Section Harrow, new teeth and paint $135. Columbia County, 717-784-8154.

Farmett Equipment JD tractor NH489 Haybine 78 Baler Hay Rake wagons. Snow plow loader Disc Bar Mower Rotar Mower 2 bottom plow. 215-286-0340.

Oliver PTO single row potatoe digger, also 3 Bushel Capacity Pea Sheller, Blair Co 814-793-4366

White plow. 548 16 to 20 inch, 5 Bottom plow, $1500.00. Make offer. 1971 VW Bug, good engine, Lanc. Co. 717-738-2258

Reg Hampshire & Southdown Sheep club Lamb, Reg Hampshire Hogs, Club Lamb Sale 4-30-93 Ph 717-757-6062.

New Holland #33 Crop Chopper $350 00; McCormick #249 2-Row Planter $375 00; J D. #1250 3B16" Plow, excellent $900 00 evenings. Berks Co 215-777-7586

Yearling filly POA & Qtr horse cross. should be large pong Carroll Co 410-875-2377.

AKC Newfoundland pup male born 11-26-92, $500 Susq. Co 717-222-4657.

100 lb., 200 lb , 500 lb. & 1000 lb. platform scales some have brass weigh beam reconditioned, good working cond. Lanc. Co 717-354-7151

Ear corn for sale, also oats & oats straw Berks Co 215-689-5346 after 6 p m

Hay rake IH #35, JD loader #44 fits 318 through 430 tractors, vertical steam engine Balt Co 410-357-5421

MF 85 diesel tractor 62 HP nice shape, $4800, 8' 100 HP York blade very heavy excel , $875 firm Scott, Winchester, Va 703-869-6187

JD 4-14 pull type plow, Ford 3 pt 6' sickle bar mower, AC "B" w/cults Carroll Md 410-239-8055

21' Franklin motor home on 75 Chevy Chassis very good cond 70,000 miles, very good cond , $4500 Cumb Co 717-776-4119

Good watchdog AKC German Shepherd female 6 yrs old $30 Lanc Co Eli Jay Esh, 244 Lynwood Rd , Ronks, Pa 17572

48' Hotshot sliding tandems $3500, 84 F350 diesel air new 9' Midwest stake bed, $4500, Henry loader fits small- mid tractors, $500 Chester Co 215-932-3684.

Marlin model 56 levermatic 22 rifle, micro-groove barrel w/3 clips $195 York Co 717-938-6692

1980 VW pickup $200 Lanc Co 717-733-7767.

6 Holstein heifers 350-450 lbs 9 holstein feeder steers 400-500 lbs 3 holstein bulls 600-750 lbs., delivery possible York Co 717-697-1779

Gehl 99 blower JD 40' elevator M M 6 btm. plow, Int 76 PTO combine 3 pt hitch manure blade Hunter Co 908-439-2473

3-row transplanter $1500, 10' plastic layer $750 cultiv walking shields 4/$200, IH 27 baler w/thrower $475 North'd Co 717-286-5306

Lumber banding outfit w/ band $150, 200 cu Ford motor for mustang $500, 6" jointer $195 Lanc Co. 730 Vintage Rd , Christiana, Pa 17509

VW Beetle 1971 red, sunroof, good interior, new radials, chrome wheels, PA inspected, runs, looks good, $2500. Bucks Co 215-536-0598

Antique wrought iron church fence w/large cast iron posts & 2 gates $350 Lanc Co 717-738-2755

NH baler & haybine 10' Eby body much more, best offers Chester Co 215-495-6855

JD 716 forage wagon $4000 Franklin Co 717-597-7295

Oliver OC3 parts final drives $125 ea , tracks $200 pair, also some engine parts St. Mary's Co Md. 301-475-2502

Purebred golden ret female 2 yrs old, no papers $75 Lanc Co 215-445-4464

Int 56 6 row corn planter, dry fert w/monitor, good cond , $500 OBO Yates Co N Y. 607-243-5810

MH grain drill, Ford 4 btm trip plow, AC 600 no-till cornplanter 4-row wide w/ monitor, field ready Cumb Co 717-776-6427.

MF 400 Track Loader 5/8 yd GP Bucket 90% UC new bushings & pins etc 6 cyl Perkins engine $7,500 Harford Co (410) 557-8722

IH 300 2 pt Pully Saw, Buck TA not working $1400, IH 205 combine 2 R Corn Grain Head, 717-834-4017, Perry County

Polled pure-bred Simmental yearling bull and heifer Can be registered Also Simmental/Pinzgauer heifer Cumberland Co Phone 6 pm-10 pm (717) 776-5931

2 JD Binders, 1 works, 1 for parts Also extra canvas Oliver 22x36 Threasher Best offer on price, Somerset County, 814-395-3783

Black raspberry plants, 25¢ apiece or $20 a hundred, one week only, call 717-867-1959, Leb Co

1947 Dodge Dump Truck, road ready, good cond Wayne Co $1950 Phone 717-253-0449

Hesston Hay Stacker #40074 12' flat dump body 4-5 yd dump body, 83 4WD Chevy 3/4 ton parts Hunterdon 908-479-4720

Corn silage in ag bag $20 per ton Delivery available/ N.H Chuck wagon 717-529-2938

1952 JD G NF, 3 pt, good rubber, 1958 720 gas JD WF, 3 pt, good rubber, both good cond $5000 00 takes both Winchester, Va 703-667-9497

Chiper, shredder kemp 5 hp electric start Used less than 5 hrs York County 717-432-5901

Ferguson TO20 with loader & bushog $1750 00, JD 1460 No-till corn planter $750 00, Brillion Disk Chisel, $3500 00, J d 2500 5-18 plow $2000 00 215-536-5182

NH 770 forage harvester, $500; Papec ensilage cutter, offer Adams County 717-334-3727

GEHL

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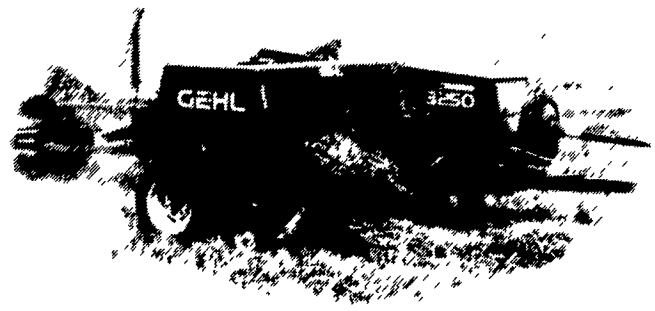
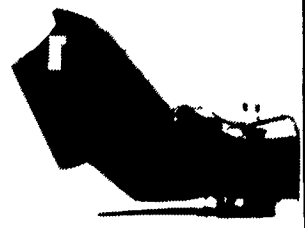
When it's time to bale, you demand reliability and performance. And that's what a Gehl baler delivers.

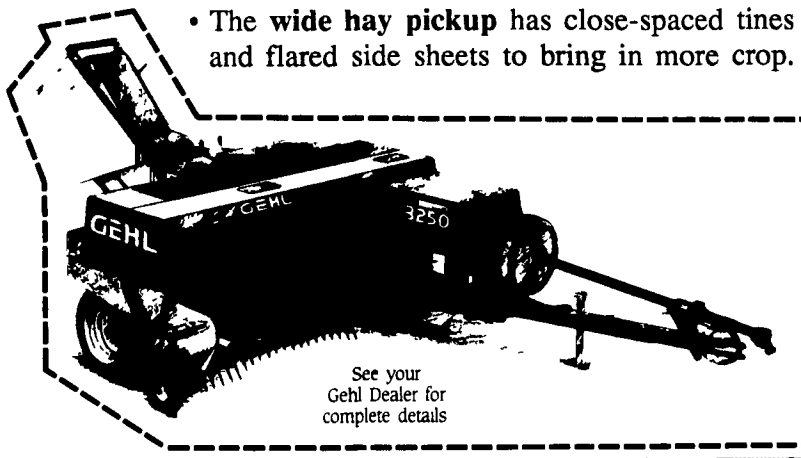




Model 3200 Hydraulic Bale Thrower

Here's How:

- Gehl's **simple knotter,** with fewer moving parts, ties a stronger knot.
- The **wide hay pickup** has close-spaced tines and flared side sheets to bring in more crop.
- A **self-aligning plunger** system means reduced wear for longer life.
- The **optional hydraulic bale thrower** has a self-contained hydraulic system and accurate electric controls.



See your Gehl Dealer for complete details

Buyer's Choice Coupon

Present this coupon when purchasing a new Gehl rectangular baler between March 15 and June 30, 1993 and choose one of the following

- **A Model 3200 Hydraulic bale thrower for only $1,500.** (That's more than 60% off the suggested list price!)
- **0% Interest for 24 Months.**
- **$1,000 Rebate.**

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RR 04 (Fontana)
Lebanon, PA

BINKLEY & HURST BROS.
133 Rothsville Station Rd.
Lititz, PA

MILLER-LAKE
RR 02, Box 273A
Belleville, PA

D.W. OGG EQUIPMENT CO.
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5149 Cap Stine Rd.
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Taylorsville, Md.
(Bob's Welding)

MAIL BOX MARKET FOR SALE

J.D 6-16" trip plow on land hitch $975 J D 14' plowing disc, A C C11 combine Dauphin Co 717-692-3616

2 year old A K C registered Collie male Samuel Stoltzfus, 204 Eden Road, Quarryville, Pa 17566 Lanc Co

Big standard bred sound 90% traffic safe, needs long trips John A King, 1230 Gypsy Hill Road, Lanc Pa 17602

MF 136 Gas, good rubber 3PH HiLo Draw Bar, needs work $1500 NJ, Sussex 201-579-5271

1978 Chevy 4x4 Blazer 350 engine 1986 Tempo 2-3 HSC motor, whole or parts Lehigh Co 215-679-9496

Patz 98B silo unloader $1200 - Loader for Int 350 utility $400 - Roof for J D 216 Wagon $200, Centre Co 814-349-8010

65,000 BTU Warm Morning gas heater, good cond , 3 yr old German Shepherd female 549-C Gibbons Rd , Bird-in-hand, Lanc Co

Must-sell Ford 4000 Tractor $4,000 00 F-350 Dually 29,000 miles, $10,800 o b o 3-pt 7-ft Harrow $150 00 7-ft Ford Bush Hog $325 00. Delaware 215-566-1339.

Homelite Model 330 Chain Saw, 20" Barn, new, never used, with warranty, $250 , 2254 Little Hill Road, Narvon, Pa 17555

1976 26' Prowler Travel Trailer, sleeps 8, $2500 Burl Co 609-894-4399

IH Combine 205, Cab, grain head, barn kept $2500 Adams Co 717-359-4474

JD 336 Baler with kicker, shed kept Ex. Condition. Lanc Co 717-872-4509

Fencing equipment-Shaver HD12 Post Driver mounted on Shaver Super Slider - wire Jennies, nail gun, plus much more York 717-927-6230.

Parlor stove, Cast iron, very old $50; Portable Kerosene Cook Stove, like new $25. 717-653-6883 evenings, 215-856-7764 weekends. Berks Co.

Good used Fox 32" corn head $75. Also good used roof slate building bricks, and steam radiators at $6.00 each.

Papec 870 Grinder mixer with molasses pump and tank, excellent condition Lehigh Co. (215) 298-2993.

NH 782 Chopper Hay 2 row corn head 540 RPM, best offer. 215-683-7140 Berk Co

J D 336 Baler with 30 thrower, very good condition, Warren Co NJ $2800 908-859-2348

1 Hereford Heifer, 700 lbs , 1 Holstein heifer, 600 lbs Juniata Co 717-444-3996

IH 4x14 Plow semimount 3 pt 5 tooth chisel 5 foot slop bucket for 1835B like new, $300 00 Union County, 717-922-4139

3 pt cultivators, wooden roll-up garage door, comercial oxgen and acetylene bottles with gauges and hoses, 8 ft fluorescent fixtures Lanc Co. (717) 786-1695

Used hand operated Bologna slicer, good condition Phone 717-738-2985 Lanc Co

Intertherm commercial two ton air conditioner-roof mount 012 Ground-220 volt 60 H2 Cheap, central airworks, ready to go 717-362-9649

Hydraulic Chainsaw Champion Model 44745A 25 inch Blade Never used Three extra chains $200.00 Harrisburg 717-564-3892, Dauphin Co.

V. good used schuler 175 Feeder wagon w/scale $3,500 00, Wash Co , MD 301-582-2277.

Simplicity 20 H/D model 9020, 3 sp Hydro., 3 pt. Hydraulic (frt rear PTO) 60" mower, 52" Snowblower, excellent condition, always kept inside $3,000 00. 717-225-4586.

1986 Jeep Cherokee V-6, 2 Dr, 4 wd at PS-PB AC AMFM, blue 89K, exc cond $4600 Firm, Delaware County, 215-692-4191.

JD 246 2R C.P. 1-dry fert $325 00; 1-Liquid fert. $300 00 Danuser F-2 Post hole digger, new $275.00. Chester Co. Call anytime 215-933-5049.

John Deere A 1947 rollamatic $1200, two sets, A or B cultivators, pressed wheel hubs for late B 717-677-8357, Adams Co

Four registered Finn ewes, one registered Finn ram four Finn lambs reasonable offer (717) 532-5810, Franklin County.

7'x16' Flat wagon w/new floor, JD 3 pt. 3 btm 16" plow, 9N Ford new paint, new parts, JD 3010 Dsl, NF new tires, runs good, riding mower, Montg. Co 215-287-8748

Dunham Chisel Plow 10 tooth $750. Chester Co. 215-857-3839

Old National cash register #613 $895. 12'xHD Taylorway offset disc, 28" discs, used 200 ac $5500 Harford Co Md 410-836-1722

IH 706 Diesel WF, very good $5500, Swartz Feeder wagon $600, NH 273 Baler & 54A Thrower, very good, $1500 814-667-2297

AC 185 wide front, good working condition, Berks Call evenings 215-562-7026 Make reasonable offer

Pair of front wheels and tires off a Kobuta B 8200 4x4, $80 00 for all Pike Co 717-588-6350 eve

4x24 soot Rount Pool complete - winter cover included $650 00, Schuylkill County, 717-386-3143 after 5:00 p m

Ford 850 w.high lift, 4 new tires, 25 hrs. on engine reb v g. cond 814-674-3334 Cambria Co

Warm Morning Coal Heater, Model 818, good condition, brown porcelain finish, 19"W 20"D 44"H, $275 00 Delivery possible, call evenings. (215) 267-5696. Lancaster Co

67 Ford Fairlane GT 390 335 hp , 4 spd, original owner, excellent condition, 717-459-2771 aft 6 p.m. Luzerne Co

JD Grain drill 3 hp, 20 gal aircompressor, NH #27, crop chopper, new 20' 3 axle trailer Franklin Co 717-762-6795

IH 856 Diesel $5000, 300 gallon Zimmerman sprayer, $1,100, Gehl forage box, 3 beater, roof, $700, Berks 215-286-0541

IH 1468 tractor, 18 4 duals, good rubber, very good cond $10,500, Lehigh Co , 215-285-4317.

Horse Harness $85 00 Draft Horse Harness Show breidle, no collar $150 00 Lebanon, Pa 712-272-6819

IH chisel plow three row 11 foot three point hitch 1,500 Franklin Co 717-532-3706

1-pair rims for 18 4"-34" tires, good condition, also 1-tire fiar condition, also oats straw $1 00 per bale Snyder Co 717-539-8739, call evenings

Stauffer 2R Transplanter, Hershey Transplanter for parts, Oliver 3 pt 2R cultivator, small offset disk, Tobacco wagon, straw, locust posts, Lanc 717-684-5352

Farmall M tractor with loader and cultivators $1600 00 or offer Snow plow for dump truck 10 ft wide Berkeley Co 304-754-7615

Round alum. Fuel tank with brackets $300.00; Fuller RT610 Road Ranger trans., rebuilt $550.00. 215-644-7727, Chester County.

1968 Chevy TK, 6 cyl. engine, fair condition; also AKC Toy Poodle pups, 7 wks. Apricot. 215-445-7931. Lancaster Co.

1 pair Percheron horses 4 and 7 years old, ready for work, $3300.00. 3668 Osceola Mill Rd., Gordonville, PA 17529. Lanc Co

Corriedale twin, triplet lambs for club replacement or freezer. Sadler, 1235 Red Run Rd., Stevens, PA Lanc. Co. (215) 267-5860.

McConnell 16' Transport spring tooth harrow $1400. 2 row 3 PH cultivator $150. Luz. co. (717) 256-3452.

3 Angus Cows due anytime, $700.00 each. Luzerne County 717-864-3770.

Farmal "C"; Lime drill; JD 494A corn planter; Lyon heavy steel cabinet, Farmall front weights, manure spreader, 17.8 chest freezer, Lebanon 717-865-5424

1968 F350 crew cab 360 engine, 4 spd., Oliver 66 for parts $400 motor runs, no hyd. Franklin Co 717-264-4555.

Pixall 1-row green bean picker & grading table, round corn cribs $300 ea. Hunt. Co. 814-669-4175.

Case 6x16 aut./res., hillside hitch, spring colters, new parts, v./good, $1,200, Oliver 4-5x16, good $400, both shedded. Jefferson Co. 814-856-2685.

AKC Rottweiler male make good pet or breeder, $150 or best offer 5 yr. old. Lanc. Co. 717-442-4713.

Concolor fir tree seedlings 6"-12" 3 yrs. old, 45 cents ea. 100 minimum order. Bucks Co. 215-357-7951.

Farmall C w/cults., $1200, Farmall SA w/cults., $2500, Farmall SAV w/cults., $2100, 471 GMC motor $900, Int. 58 complanter 6NR $750. Bucks Co. 717-598-7546.

500 gal Milk keeper bulktank with 3 hp. compressor $800 00. Also telescoping cylinder off dump trailor, $170.00, Mifflin Co. 717-899-6121.

1500 Gallon Heavy Duty Vaccum Spreader; Hyd unloading valve with Big Vacuum pump like new condition. $4950 o b o Blair Co. 814-793-4199.

BN Tractor & mower, extra cutter bar parts. Also P.T.O. Trailer Rotary mower, Ford Bedliner, late model. Lanc. 717-354-5939

300 Locust Posts, good quality 7 & 8 feet long, $2.25 each at farm. Can deliver for extra. Mifflin Co. 717-935-5282.

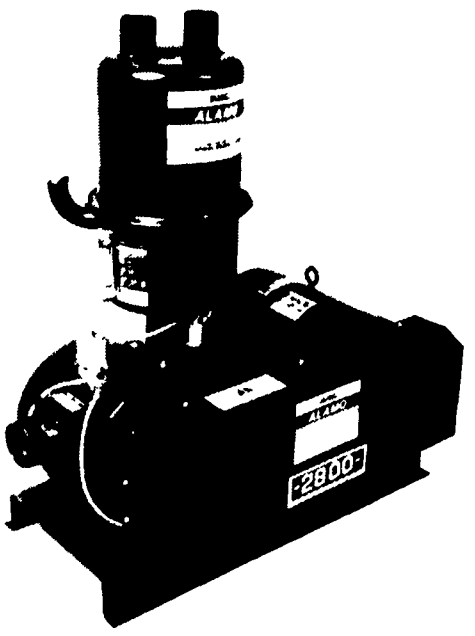
Troy Rototiller 6 hp. Electric start, set of new tines, 2 old sets. Snowplow Furring Shear, York Co. $775.00. 717-843-7768.

Int 16" Semi. Mount Plow, field ready, fast hitch, draw bar for Supper C, 8x6½ overhead door, 825 truck tires, rear never used Berks Co. 215-488-1541.

3 Delaval Bucket Milkers, Delaval #76 Vacuum Pump, 3 hp motor, 30" Zimmerman Fan. Perry (717) 789-9388.

Boars scan figures available, clean healthy hogs, also feeder pigs Sch County eve. 717-345-8035

SURGE



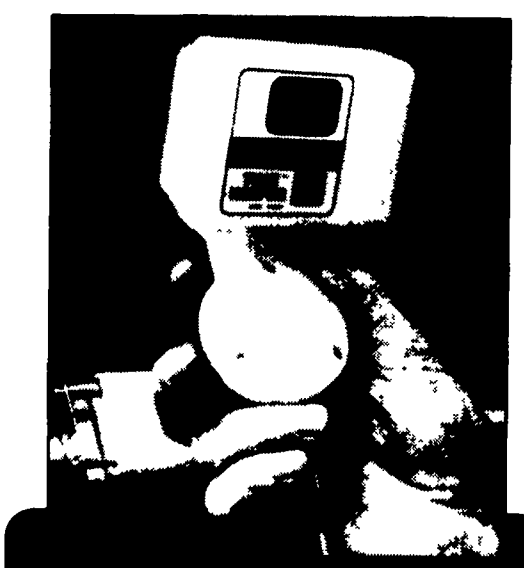
Shown: Surge Alamo Belt-Drive 2800 Pump Package Complete With L-3 Oiler

Part or parcel... you'll save money with a Surge Alamo belt-drive vacuum pump.

Buy only the capacity you need now and expand your CFM as your requirements change. The Surge Alamo Vaccum Pump model 1400 PLUS produces 50 CFM (ASME) and can be converted to a model 2200 PLUS that delivers 78 CFM, or a model 2800 rated at 100 CFM by changing the motor and belt-drive package. Muffler and air filter are optional equipment.

Whichever model you choose, with these belt-drive pumps, you get quiet, smooth-running performance at a lower cost per CFM. That's Alamo reliability and Surge value.

For larger capacity vacuum systems, Surge Alamo direct-drive vacuum pumps offer CFM output ranging from 82 to 200 (ASME). Whatever size milking system you have, we can supply the proper vacuum system components.



THE SURGE TIMEKEEPER
END-OF-MILKING INDICATOR
puts milking efficiency in the palm of your hand!

Signals when the cow is milked out.
Helps prevent overmilking for better udder health.

Shows actual milk-flow time.
Can reflect a change in a cow's condition or the milking system's performance.

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Helps improve milking routines.

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MAIL BOX MARKET FOR SALE

Ford T.T rear end, 30"x3½" wheels, rims, A-Ford motor, rear end, wheels & other T & A parts Fulton Co 717-987-3516

30" electric stove liq. fert app to fit 4 row corn planter 50 egg incubator 2 row tobacco planter electric chick brooder Lanc Co 717-653-4288.

10" 3-phase pedestal grinder excel. cond., $225, milling vise, $65, broaches, tooling for lathes, banding tools. Leb. Co. 717-273-3982.

Metal covered particle board panels, can be used for shelving, tables, crafts, etc., various sizes & colors. Berks Co 215-779-9036.

IH 56 corn planter 4R narrow, top quality barley straw, $80@ ton, delivery avail 215-488-1607.

Yamaha 225 3-wheeler, needs little work, Int. suitcase weights, 23.1-34, 18 4-34 snap-on dual rims, 18.4-34 fit only to 32" wheels. Berks Co 215-926-6567 or 3379.

1200 lb. wrapped round bales alfalfa haylage $20 at farm. Wyo. Co. N.Y. 716-786-2408.

A 2-hole corn sheller $60. Lanc. Co. 717-529-6329 after 4 p.m.

Single row fresh market sweet corn harvester FMO Model-11, $2900. Balt. Co. 410-592-7671.

6- 61 lb. weigh jars Chore Boy, DHIA approved. 814-446-5559.

8'x21' flat truck bed w/solid wood floor, steel head board. Harford Co. Md. 410-734-7433, 410-939-9091.

500 gal. Zimmerman sprayer tandem axle diaphragm pump hyd. folding booms bought 1992 used one season. Cambria Co. 814-495-5781

1989 Ford 8' pickup bed like new $1000 or best offer, 3 pt. hookup circular saw $150, Ford tractor fits 8N or 9N. Lehigh Co. 215-967-5623.

Row crop tractor Hines 16 HP hydr. Kohler engine cult. plow disk less 300 hrs., $2700. Harford Co. 410-734-6461.

1980 VW Scirroco 30,000 miles on rebuilt motor, inspected. $800. 717-626-0310.

Building removable: Free estimate to remove your house barn, shed, or any building from your property-call after 5 p.m. 215-536-9293. Bucks Co.

AC600 4 Row No-till corn planter, also 1972 Ford F-350 truck with 12 ft. Cattle Body $1,575.00 each. Bucks Co. (215—346-7391.

Feeders for sale, 500 to 600 pounds. Warren, NJ 908-454-6046.

Blower Heavy 3" 2 hp. Auger-SS 4"x11' 1 Hp Blower 5 hp with Hopper Honda CB500 cycle loaded. Make offer. Bucks County 215-968-5604.

12x16 Wooden Storage Shed, excellent condition, moveable, used tin roofing, good condition. Lehigh Co. 215-967-6865.

8' and 10' Brillion Alfalfa seeders, New Holland 273 and 311 balers like new, 256 rake, 402 Crimper. 717-656-9733.

Three h.p. Baldor elec. motor rebuild Clover seed, home grown $72.00 bu. Lanc. County, 215-445-5359.

M.F. 4 bottom spring, reset semi-mount plow, very good cond. Del. Avail. 215-469-0593.

Two Maytag wringer washers, 1 square tub, 1 round (used 3 years) Best offer. Call (215) 489-9116.

Hog water bowl's flap & flote type Honey Bee's Lanc Willis Leid, 935 Leid Rd., East Earl, Pa 17519

32' Zimmerman bale elevator $1375.00. Wanted: Pressure washer with Honda engine and Kranzle pump, 3 pt bar mower. Lanc. Co. 215-445-7101.

Used tomato cages, 600, Henry M. Stoltzfus, 77 Stoltzfus Lane, Leola, Pa 17540.

Kuhn tedder rake pull type or three point hook up, 10 ft, Lanc. Co. 20 Buck Run Rd., Christiana, PA 17509

Fickes Silo complete w/ unloader, Delaval Milker complete; 2/extra Buckets; Stainless Washvats & Table; White Pine Hoosier; Lehigh cooling unit complete: Cambria Co. (814) 472-8554 after 7 p.m. evenings.

Reg Black Saddlebred Mare, 9 yrs old. Sound and accumated. Elam J. Esch, 112 Pennsy Rd, New Providence, Pa 17560.

1974 Volvo, runs good, $400. Doane Agchek IV 51/4" Disc Computer Program $500. Lanc. Co. 717-426-3871.

Fainting goat kid buck $40.00; Fallow deer buck $195.00 Free shower stalls, new, no Sunday calls. 215-267-2782. Lanc. Co.

Ford power unit 4 cylinder 6 foot John Deere Grain Binder, John H. Hoover, 1124 Peiffer Hill Rd, Stevens, Pa. Lanc. Co. 17578.

3350 gallon Wic Manure Tank $2500.00, 185 bu. Feed Easy Mixer $100.00 for parts, Berks County, 215-944-0736.

Massey-Ferguson 65 Diselmatic 7 ft. Snow Blower 7 ft. Scrapper blade 6 f. rotary mower winter cab. Call York, 717-246-3932, $6,000.00.

Antique Chest of drawers, Mahogony, dove tailed, size 3'x46", $150, like new, fiberglass bath tub, shower, new, $75.00, phone 717-273-6018. Lebanon Co.

JD F-145 Plow 5x16; $650 JD 1240 Plateless corn planter, $600 IH 370 Disk 12½' $1200, field ready, Berks Co. 215-488-6927.

Approximately 10 Acre Farm 3 bedrooms, new Pole Barn, $112,000. Reply 9019 North Loop Road, Slatington, Pa 18080. Lehigh County.

Troy rotatiller 6 Hp, electric start, 3 sets of tines (1 new) snowplow, furring shear. $775.00 York Co. (717) 843-7768.

Vermeer new & used round balers; round bale chopper; rakes; tedders; round bale wrappers and film; hay moving equipment; Westmoreland 412-423-4076.

Professional drafting table (Dietzgen) $95, Pennsylvania Gas Powered Reel Mower $95, Singer Sewing Machine w/bench $50. Mont. Co. 215-287-9897.

10 Charolais steers from our herd approx. wt. 575; Also 20 ton good quality Hay $75. and up. After 6 (717) 345-4489.

Walking horse saddle-cutback blue ribbon. Excellent condition - $300.00 All-purpose and hunt seat saddles with fittings - $150-$200. York Co. 717-259-7721.

Like new IH 510 Double Disc 7x16 grain drill with fertilizer & grass seed. Wanted: Drawbar for M H. Pony (Lehigh Co) evenings, 215-285-6804.

2 15" Ford rims with 2 m/s tire off F150 Truck $45 00 - Sears Kenmore clothes dryer, good shape, just fixed, can delivery $65 00 (215) 459-9451 Chester Co.

3 pt. 2-16 Oliver plow, NH 717W hay head, also parting out Farmall H, Union Co. (717) 922-4447.

Farmall Super A wheel weights,. plow, rebuilt engine, good paint, excellent condition, $2600.00 Phone (717) 938-3921.

Zimmerman elevator 32 ft., extra paddles, heavy chain $600.00 o.b.o. Franklin Co. 717-532-9234.

1495 NH Haybine Gas $6200. Cumberland Co. 717-423-6188.

Disc IH 350, 12'8" wide, tandem finishing disc with 20" blades, brand new with manual, $2875. Luzerne County 717-864-3563.

For sale JD 7000 6 Row $1,500.00 No Till Disk for 1240 $100.00 N.Y Call 716-554-4506.

Ford 2000 Tractor, three point, front end loader $2800.00; Lawn Tractor $375.00 and up. Lancaster County (215) 267-2687.

Taylor commercial milk share machine, model 452, excellent cond. Many spare parts, best shares & quick. Chester Co. 215-268-2733.

Worthington Fairway Gang Mowers 11 ft cut excellent shape, $1500. Hunterdon County 908-996-6565.

John Deere 9 ft. Transport Disk. Ready to go, $425.00 Berks Co. 215-987-3830

Int Model 710 plow 5x16, 3 point hitch, Lycoming County 717-546-5642

Pequea Hay Tedder $800.00, Fiberglas carriage, both in good cond. Call 717-354-6667, 8:30 a.m. or p.m. Lanc Co.

Miniature Horses one year old, Filly, two mature mares. Open Phone 304-876-6624.

Pulley for JD 420 $150. or b.o. 1 Oak Bench 6 ft long, no finish, $45.00; 2 yearling Holstein Heifers, $500.00 a piece, 1 dog pen 5' by 9' $150.00. Lanc. Co. (215) 445-7842.

Registered Suffolk ewe lambs, yearlings, brood ewes, market lambs for meat. Nice 4-H projects 717-867-1727. Leb. Co.

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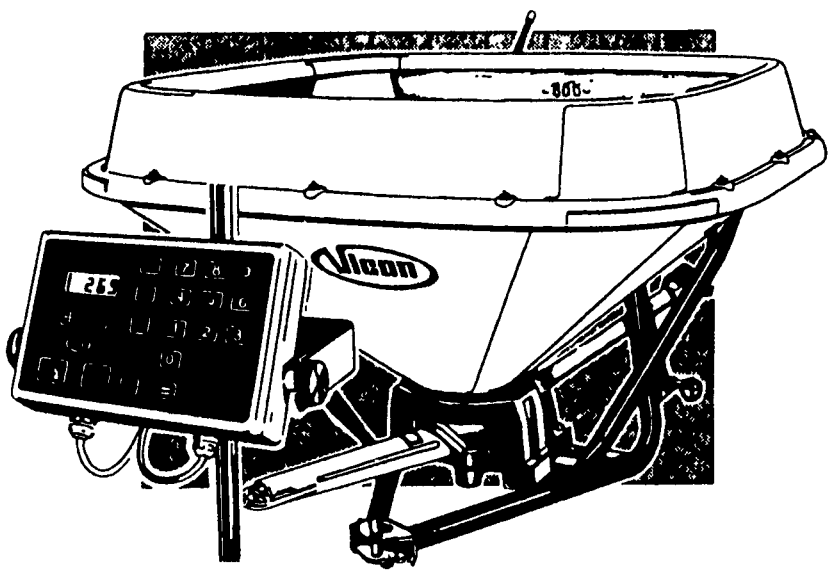

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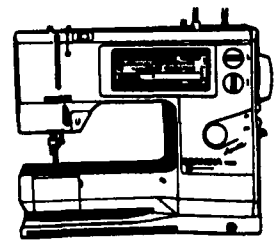

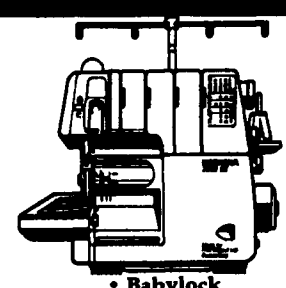

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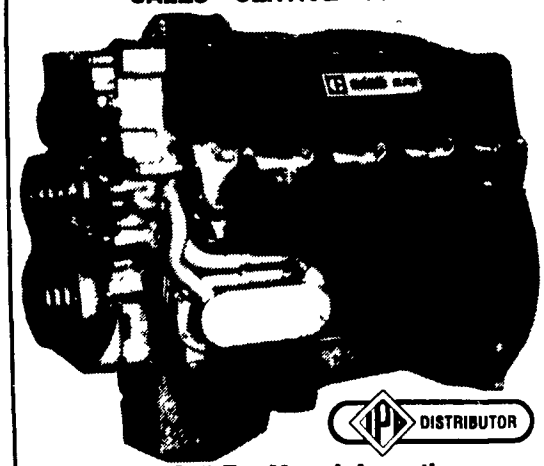

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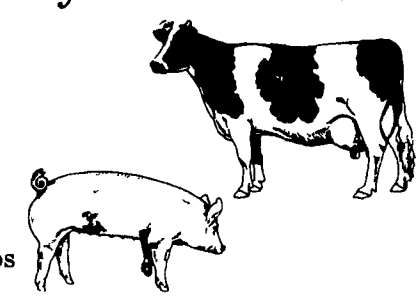

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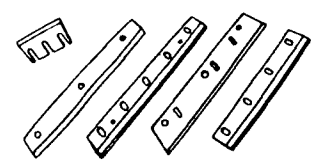

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Free for removal, 5 strand Hi Tensile electric fence. Lanc. Co. 717-872-9194.

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Hackney pony stud service black w/white markings. Chester Co. Henry Kauffman, Beaver Dam Rd., Honey Brook, Pa. 19344.

Christian gentlemen will pay up to $500/mo. for ½ -2 acres suitable fresh produce roadside market or will rent existing market building. Lanc. Co. 717-426-3094.

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SOMETHING TO CROW ABOUT.... LOW CLASSIFIED RATES WITH EXCELLENT RESULTS!

Top Pennsylvania DHIA Herds

(Continued from Page C13)

PATTY-RUN DAIRY FARM	B3	64.9	22165	0	834	3.8	704	3.2
GEORGE SENEKO JR	3	63.1	20891	0	781	3.7	684	3.3
FRED SEIPT FAMILY	3	102.3	20312	0	697	3.4	647	3.2
W B SAUL HIGH SCHOOL	3	22.5	20365	0	748	3.7	642	3.2
RICHARD A BECHTEL	B3	96.1	20143	0	721	3.6	641	3.2
D P LONGACRE FAMILY	B3	80.3	19076	0	727	3.8	637	3.3
ROY S KOLB & SONS	G3	109.8	20759	0	779	3.8	631	3.0
HAROLD K HALTEMAN	3	67.2	19389	0	729	3.8	625	3.2
E JAY RENNINGER	G3	112.8	19371	0	696	3.6	623	3.2
EDWIN A POLLOCK	B3	92.4	19162	0	656	3.4	620	3.2
ARLIN HALTEMAN	B3	69.1	18606	0	712	3.8	610	3.3
CORRECTIONAL INDUST	B3	166.1	18893	0	706	3.7	605	3.2
WAYNE HALLOWELL	G3	66.5	18595	0	639	3.4	605	3.3
HAROLD MOSER JR	B3	92.4	18303	0	695	3.8	593	3.2

MONTOUR

KEITH T FLETCHER	B3	52.4	22635	0	703	3.1	721	3.2
ED & MARYANN BAKER	B3	75.6	21937	0	828	3.8	709	3.2
RANDY+PAT KITCHEN	B3	52.2	20191	0	779	3.9	668	3.3
MAR-JA FARM	3	159.1	18797	0	780	4.1	655	3.5
DARYL + NANCY LANDIS	B3	73.5	19480	0	761	3.9	635	3.3
DAVID APPLEMAN	G3	25.6	19208	0	727	3.8	610	3.2
PAUL E ROSS	B8	38.3	16504	0	639	3.9	520	3.2
WHITEHALL ACRES	G3	40.8	16740	0	616	3.7	520	3.1
GEORGE FARMS INC	B3	83.0	14891	0	588	3.9	491	3.3
DUANE LAPP	8	71.8	14991	0	594	4.0	487	3.2
BUCKEYE ACRES	B3	44.9	14822	0	553	3.7	469	3.2
EMOS BYLER	B3	44.3	13955	0	552	4.0	457	3.3
ELI Y HOSTETLER	G3	21.3	14681	0	536	3.7	455	3.1

NORTHAMPTON

FRANK MILLER JR	B3	54.6	27665	0	982	3.6	894	3.2
KEYSTONE FARM	3	90.8	26059	0	971	3.7	837	3.2
KARL MILLER	G3	67.7	25251	0	730	2.9	805	3.2
KLEIN FARMS	B3	62.1	24659	0	851	3.5	790	3.2
EXCELSIOR FARM-FLECK	3	78.1	24989	0	832	3.3	787	3.1
RICHARD W SMITH&SONS	3	70.9	22912	0	858	3.7	750	3.3
JUNIPERDALE FARM	3	73.5	22933	0	813	3.5	734	3.2
THALER FARMS	B3	141.8	21798	0	859	3.9	716	3.3
JOHN BOCKO	B3	59.0	22196	0	870	3.9	715	3.2
JAMES HEIMER	B3	29.5	22893	0	819	3.6	710	3.1
BREWER FARMS	B3	74.5	21897	0	829	3.8	699	3.2
THOMAS L YOUNG	B3	24.8	21425	0	770	3.6	696	3.2
OTTS OWN FARM	B3	74.6	20471	0	719	3.5	649	3.2
PAUL F SMITH	G3	68.7	20030	0	669	3.3	631	3.2
JOHN P VALKOVEC	3	48.7	18750	0	720	3.8	623	3.3

NORTHUMBERLAND

NORTH RUSH HOLSTEINS	B8	17.0	25824	0	1035	4.0	821	3.2
R M D SHULTZ FARMS	B3	86.1	24177	0	928	3.8	769	3.2
FRED & TOM STROUSE	B3	61.1	24515	0	916	3.7	760	3.1

(Turn to Page D8)

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Top Pennsylvania DHIA Herds

(Continued from Page D7)

GARY TRUCKENMILLER	B3	72.9	22323	0	851	3.8	706	3.2
BRENT BUCKWALTER	3	111.6	21427	0	797	3.7	706	3.3
CLAYTON H SWARTZ	B3	33.8	20925	0	738	3.5	680	3.3
JERRY SMITH	3	48.3	18863	0	701	3.7	620	3.3
WILLIAM A BETZ	G3	63.9	18441	0	683	3.7	601	3.3
SHOCH MANOR FARMS	B3	97.1	18899	0	683	3.6	597	3.2
WAYNE KLOCK	B3	32.8	17942	0	673	3.8	587	3.3
ERNEST L WOLFE	B3	60.9	18217	0	718	3.9	586	3.2
PAUL SCHMIDT	B3	103.4	17149	0	610	3.6	585	3.4
LUKE N REBUCK	G3	41.8	18572	0	719	3.9	581	3.1
MATTHEW A LUCAS	B3	47.6	17729	0	613	3.5	581	3.3
LLOYD B ZIMMERMAN	B3	114.6	17386	0	636	3.7	568	3.3

PERRY

RICHARD METZ JR	3	34.4	23518	0	893	3.8	763	3.2
MELVIN S WEAVER	B3	89.8	22464	0	811	3.6	691	3.1
O'TOOLE BRO'S	B3	50.8	21129	0	784	3.7	689	3.3
NEVIN G RICE	B3	110.3	21273	0	761	3.6	677	3.2
TROUT BROTHERS	B3	112.8	20734	0	764	3.7	675	3.3
PERRY VALLEY FARM	B3	48.9	21780	1	767	3.5	673	3.1
DEAN & ERIC MCMILLEN	B3	85.5	20537	0	707	3.4	671	3.3
ED + WILMA MCMILLEN	3	46.1	20907	0	732	3.5	671	3.2
RAY E MC MILLEN	3	117.1	21584	0	786	3.6	669	3.1
KENNETH R BENNER	3	69.1	21253	0	818	3.8	666	3.1
M W SMITH FARMS	B3	100.3	20597	0	762	3.7	665	3.2
EARL E BRUBAKER	3	52.2	21083	0	786	3.7	664	3.1
CARL E MC MILLEN	3	83.7	21539	0	774	3.6	660	3.1
BENJAMIN E DUM	3	46.7	19725	0	755	3.8	658	3.3
ALRADA FARMS	B3	95.7	21200	0	800	3.8	657	3.1

POTTER

DALE HOFFMAN + SONS	B3	102.7	22479	0	855	3.8	765	3.4
IVAJEN FARMS	3	98.4	22286	0	910	4.1	762	3.4
IVAN SMOKER & SONS	3	109.5	22913	0	916	4.0	752	3.3
JACK THOMAS SR	B8	81.1	21723	0	828	3.8	737	3.4
TITUS & DAVID RISSER	B3	104.9	22048	0	886	4.0	728	3.3
JOHN C TRAUB	G3	39.2	22159	0	824	3.7	713	3.2
GUY DUNN	3	57.1	20748	0	822	4.0	699	3.4
DONALD THOMPSON	3	59.7	21304	0	922	3.9	697	3.3
KEVIN RISSER	B3	156.8	21348	0	900	4.2	688	3.2
RON+CANDY COONEY	3	64.0	21261	0	840	3.9	677	3.2
R-OWN FARMS	3	85.9	21588	0	748	3.5	676	3.1
RODNEY LANE	G3	39.8	19564	0	681	3.5	648	3.3
SCOTT BUCHSEN	B3	32.3	20077	0	697	3.5	639	3.2
KARL TORREY	B3	105.3	19538	0	757	3.9	632	3.2
FRED RISSER	B3	55.1	19902	0	848	4.3	630	3.2

SCHUYLKILL

CARL A FARMS INC	3	67.8	28421	1	1000	3.5	898	3.2
JAMES D DUNN	B3	54.4	27262	0	982	3.6	858	3.1
BRIAN RUCH	3	45.8	25887	0	947	3.7	854	3.3
MILLER & REX INC	3	33.5	26951	0	986	3.7	853	3.2
JAMES RODICHOK	3	69.5	23226	0	850	3.7	766	3.3
RANDY MILLER	B3	29.3	22985	0	860	3.7	760	3.3
SNYDERLANDFARMS	3	66.5	20963	0	777	3.7	687	3.3
KURTZ DAIRY FARM	B8	72.1	20969	0	583	2.8	683	3.3
JAMES HEPLER	G3	66.2	20970	0	784	3.7	681	3.2
SUNTRAIL DAIRY FARM	3	73.7	20788	0	770	3.7	666	3.2
WILBERT MOYER	3	45.1	20849	0	769	3.7	664	3.2
BRUCE LEATHERMAN	B3	78.5	20170	0	769	3.8	663	3.3
BURDELL TROXELL	B3	35.0	20581	0	743	3.6	657	3.2
CLAIR GARMAN	B3	43.5	20258	0	724	3.6	645	3.2
LARRY HEPLER	B3	63.7	19018	0	704	3.7	622	3.3

SNYDER

TIM-LAURIEHACKENBERG	3	47.1	23425	0	946	4.0	767	3.3
PASTURE GREEN FARM	3	37.6	23820	1	841	3.5	741	3.1
CHRISS+TRISH NIPPLE	3	63.3	21909	0	873	4.0	728	3.3
JL & CL SHAFFER	3	37.2	22243	0	898	4.0	720	3.2
SAUDERDALE FARM	B3	52.3	22616	0	889	3.9	715	3.2
D&N HORNBERGER	B3	35.3	22215	0	812	3.7	710	3.2
SEVEN OAKS	3	53.2	22011	1	829	3.8	709	3.2
DARE E LAND	B3	21.2	22486	0	829	3.7	708	3.1
JESSE J YODER	B3	71.7	21467	0	837	3.9	702	3.3
GLENN & BARB CARPER	B3	50.4	21554	0	811	3.8	690	3.2

(Turn to Page D9)

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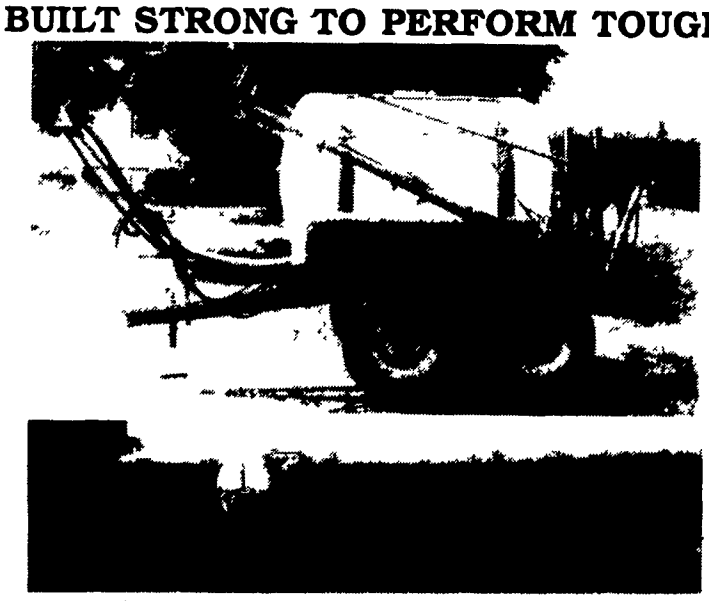

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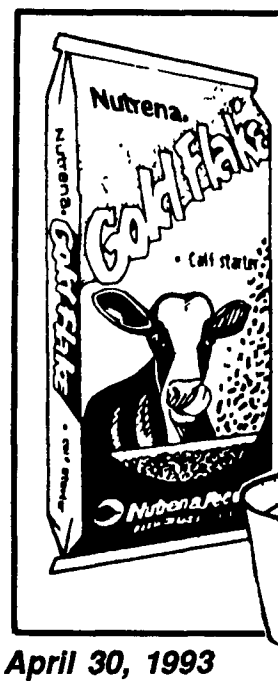

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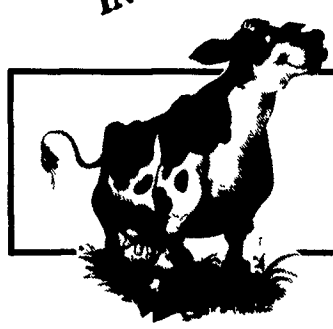

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Top Pennsylvania DHIA Herds

(Continued from Page D8)

RANDOLPH A HOFFMAN	3	46.6	21122	0	809	3.8	681	3.2
MABARBIL FARMS	3	83.5	20422	0	783	3.8	676	3.3
J+G +K+J BLANK	B3	65.8	20695	0	810	3.9	659	3.2
ER+KA FARMS	B3	59.9	21746	1	734	3.4	658	3.0
H L MAREHOOD & SONS	B3	59.4	19992	0	846	4.2	654	3.3

SOMERSET

NORTH VIEW FARM	3	94.7	25765	1	882	3.4	870	3.4
GARY & NANCY LYNCH	3	77.3	23586	0	849	3.6	773	3.3
STONEY ACRES FARM	B3	49.2	23924	0	817	3.4	768	3.2
HARRY MOSHOLDER	B3	35.6	23043	0	865	3.8	761	3.3
GEORGE C STAHL	B3	65.8	23331	0	900	3.9	753	3.2
GRANDVIEW FARM	B3	102.5	23605	0	885	3.7	752	3.2
CARRDALE HOLSTEINS	3	90.3	22387	0	839	3.7	742	3.3
DOUGLAS J HILLEGASS	B3	82.0	22828	0	837	3.7	730	3.2
CLARADALE FARMS	3	72.4	22481	0	879	3.9	720	3.2
HILLMONT	3	111.6	22046	0	842	3.8	719	3.3
S & S DAIRY FARM	3	74.0	22045	0	808	3.7	718	3.3
LATUCH BROS	3	115.3	22127	0	915	4.1	717	3.2
LANDSDOWN FARM	3	91.9	22064	0	774	3.5	708	3.2
WILLIAM E HUNSBERGER	B3	77.4	20660	0	695	3.4	703	3.4
GEORGE N BAER	B3	79.1	21434	0	781	3.6	699	3.3

SULLIVAN

RICHARD R HIGLEY	3	87.0	23993	0	910	3.8	776	3.2
ROBERT INSINGER	B3	54.0	23183	0	894	3.9	746	3.2
MOUNT-TOP-VUE FARM	B3	61.8	22283	1	940	4.2	708	3.2
D AND D HOTTENSTEIN	3	68.0	20776	0	850	4.1	687	3.3
RAYMOND NORCONK	3	40.2	21706	0	823	3.8	677	3.1
WARBURTON FARMS	B3	110.4	20734	1	805	3.9	677	3.3
SILVERSTRIM FARMS	B3	78.9	20367	0	807	4.0	657	3.2
HIGH HART FARM	B3	113.1	19095	0	776	4.1	657	3.4
CHERRY ACRES FARM	B3	56.3	19578	0	858	4.4	634	3.2
JEFF GOCHNAUER	B3	34.9	19521	0	767	3.9	632	3.2
ROBERT+JAY WOODHEAD	B3	34.8	18737	0	729	3.9	600	3.2
CARR + STANTON	B3	60.2	17848	0	612	3.4	590	3.3
ROY BENNETT	B3	36.2	17468	0	748	4.3	577	3.3
LAMBERT FARMS INC	3	194.7	18114	0	675	3.7	576	3.2
K WILL FARM	B3	33.1	17721	0	788	4.4	571	3.2

SUSQUEHANNA

ANDREW HUBAL	3	60.8	24744	0	940	3.8	775	3.1
THOMAS TRAVER	3	23.0	23989	0	876	3.7	770	3.2
PEASE FARMS	3	77.9	23749	0	849	3.6	755	3.2
DARYL BUTTON	B3	35.3	23436	0	809	3.5	748	3.2
JOHN CASTROGIOVANNI	3	111.6	23004	0	851	3.7	740	3.2
LYLE SHERMAN	G3	36.9	22875	0	660	2.9	720	3.1
CHARLES CLARK	B3	50.9	22405	1	718	3.2	715	3.2
FRANCIS HIBBARD&SONS	3	82.7	22340	0	950	4.3	715	3.2
R M SHIPSKY & SONS	3	60.9	21327	0	776	3.6	689	3.2
JIM ROGERS	B3	54.2	20941	0	822	3.9	685	3.3
HARVATINE FARMS	B3	83.3	21553	0	700	3.2	681	3.2
LONGACRE FARM	3	49.9	21022	0	814	3.9	672	3.2
WALTER E BROOKS	3	116.2	20211	0	761	3.8	670	3.3
JOSEPH PAVELSKI	3	42.9	20730	0	767	3.7	668	3.2
LYMANSTEAD FARM	3	51.7	21485	0	801	3.7	667	3.1

TIOGA

EMERY-RICK DAVIS	B3	57.4	24099	0	866	3.6	790	3.3
GOR-WOOD-D	3	171.4	23139	0	848	3.7	738	3.2
DAVE+DONNA CLEVELAND	G3	41.5	22328	0	786	3.5	730	3.3
HENRY&KELLY SHERMAN	B3	42.0	22267	0	773	3.5	714	3.2
MIKE BUCKWALTER	3	49.9	21564	0	758	3.5	712	3.3
L & J HOLSTEINS	B3	36.5	21433	0	848	4.0	700	3.3
GLENN BOWEN	3	32.3	21185	0	807	3.8	700	3.3
CHARLES&DORIS PORTER	3	56.6	21751	0	809	3.7	700	3.2
LAVERNE + ANN PHELPS	B3	49.1	21481	0	774	3.6	688	3.2
THOMAS&BRENDA PEPPER	3	39.7	20346	0	727	3.6	680	3.3
DOUG + JENNY LAWTON	3	62.0	21626	1	770	3.6	677	3.1
DON MATTISON	B8	19.2	21148	1	733	3.5	675	3.2
CLIFFORD BRACE	B3	60.3	21071	0	755	3.6	674	3.2
JOHN AND DIANE WATTS	B3	50.6	20602	0	775	3.8	672	3.3
ROY A SCHANBACHER	3	70.8	20269	0	749	3.7	666	3.3

UNION

BUFF RUN FARM	B3	46.3	24033	0	945	3.9	781	3.3
LOCUST-ROW-FARM	B3	73.2	22222	0	866	3.9	732	3.3
ALLEN & LINDA WEHR	3	67.1	22030	0	762	3.5	714	3.2
WILDWOOD VALLEY FARM	3	13.9	22441	1	899	4.0	714	3.2
HILL CRAFT FARM	B3	48.4	21828	0	834	3.8	711	3.3
MIFFLIN HILLS FARM	3	53.3	22501	0	806	3.6	703	3.1
MELVIN Z MUSSER	B3	39.4	21878	0	803	3.7	691	3.2
RICHKRAFT HOLSTEINS	B3	41.1	21794	0	718	3.3	679	3.1
IRA R ZIMMERMAN	B3	33.6	21328	0	752	3.5	676	3.2
JOSEPH E SNYDER	B3	50.6	20646	0	731	3.5	662	3.2
GERALD + KATHY BOOP	3	28.4	20432	0	743	3.6	661	3.2
GENE-MAR FARMS	B3	72.9	20549	0	768	3.7	652	3.2
MILFORD NISSLEY	B3	98.1	20066	0	693	3.5	649	3.2
JONAS R ZEISET	B3	57.2	20916	0	733	3.5	649	3.1
KENNETH BEILER	3	70.4	19581	0	763	3.9	641	3.3

VENANGO

ROLLING SPRING FARM	3	63.6	22672	0	823	3.6	731	3.2
DICK-MAR FARMS	B3	159.0	22379	0	784	3.5	692	3.1
MITCHELL DAIRY	B3	81.3	20554	0	812	4.0	662	3.2

(Turn to Page D10)

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Constructed from heavy gauge materials this crate is designed to reduce crushing, with sow comfort in mind. The bowed bottom bars makes for a comfortable 33" crate width when the sow lays down, yet the adjustable anti-crush bars eliminates the sow from carelessly dropping on the piglets. This movement restriction does not hamper the sow as she lays down, or wants to stand up, as the bars slide up and out of her way.

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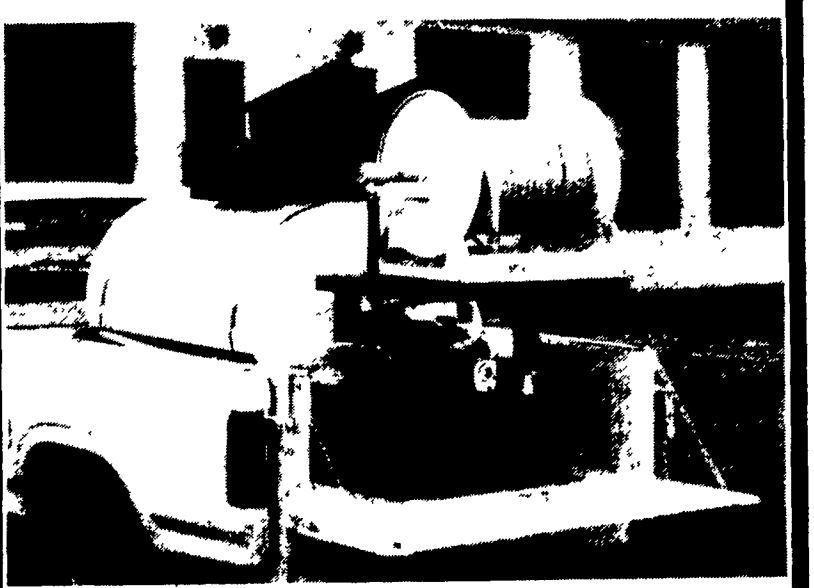

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Top Pennsylvania DHIA Herds

(Continued from Page D9)

LARRY E TAYLOR	3	53.6	19478	0	737	3.8	652	3.3
GAYLORD R WAGNER	B3	58.3	18890	0	677	3.6	597	3.2
PAUL E RUNNINGER	3	25.7	18390	0	719	3.9	581	3.2
C JOHN CAREY	B3	21.7	18364	1	678	3.7	572	3.1
DAVID YARNELL	B3	34.4	17099	0	654	3.8	547	3.2
PLUM LINE HOLSTEINS	3	29.2	16634	1	620	3.7	532	3.2
WAYNE DEETER & SONS	B3	81.8	16495	0	598	3.6	526	3.2
MINERAL RIDGE FARM	G3	40.3	16167	0	628	3.9	517	3.2
JOE MC COY	G8	28.0	14350	0	594	4.1	477	3.3
WARREN THOMAS	B8	34.5	14672	0	559	3.8	462	3.1
HAROLD V RIDDLE	B4	39.5	12132	0	572	4.7	438	3.6
ELAINE M EIDEMILLER	0	11.0	2180	0	72	3.3	64	2.9

WARREN

FOGGY MEADOWS FARM	B3	67.5	24109	1	823	3.4	755	3.1
MAPLE PLACE FARM	3	50.0	22138	0	821	3.7	694	3.1
DOUG+DIANE HASTINGS	B3	31.8	21188	0	813	3.8	671	3.2
TWIN STATES FARM INC	B3	221.4	21497	1	782	3.6	669	3.1
BRUCE &SUZIE LINDELL	G3	83.9	20588	0	758	3.7	655	3.2
FLOYD BEARDSLEY	3	42.2	21026	0	808	3.8	654	3.1
RONALD HUNTER	B3	21.2	21073	0	737	3.5	648	3.1
DENNIS LINDELL	G3	64.3	20584	0	712	3.5	646	3.1
JEFF LINDELL	3	78.3	20560	0	737	3.6	641	3.1
RAYMOND LAWSON	G3	119.8	20507	1	683	3.3	627	3.1
GLA DON FARMS	3	52.2	19981	0	707	3.5	627	3.1
GARY STODDARD	B3	46.3	19903	0	704	3.5	622	3.1
HAZELTINE VALLY FARM	G3	46.5	19536	1	699	3.6	622	3.2
PINESHADE DAIRY	B3	27.4	19483	0	742	3.8	617	3.2
BARRY VAN ORD	B3	37.1	19549	0	707	3.6	614	3.1

WASHINGTON

RANKIN FARM	3	19.9	25400	1	924	3.6	830	3.3
HAMILTON BROS	B3	110.0	22425	1	794	3.5	706	3.1
GAPEN BROS	B3	94.6	21163	0	732	3.5	675	3.2
MORGAN GLO FARM	B3	55.7	20999	0	729	3.5	671	3.2
RANKIN FARM	4	35.1	17670	1	874	4.9	670	3.8
TURNER FARMS INC	B8	28.3	20747	0	903	4.4	655	3.2
OBRIEN FARM	B3	40.2	21118	0	718	3.4	651	3.1
MILLERVALE FARM	3	61.1	21187	0	807	3.8	651	3.1
JOHN & J E MARCHEZAK	3	85.7	19834	0	739	3.7	620	3.1
CO-HILL FARMS	B3	54.2	19159	0	734	3.8	614	3.2
AIRYHURST FARM	3	47.4	19239	0	748	3.9	613	3.2
W KENN & W REX SMITH	3	52.7	18984	0	722	3.8	611	3.2
JOHN H SCOTT	3	81.0	18780	1	690	3.7	607	3.2
LINN F HAMILTON	3	72.6	19299	0	613	3.2	606	3.1
BEDNARSKI FARMS	3	69.8	19504	0	717	3.7	606	3.1
KEVIN BURLEIGH	3	44.4	21462	0	815	3.8	710	3.3
RICHFIELD FARMS	B3	84.7	22606	0	763	3.4	702	3.1
HIGHLAND FARMS	3	67.8	20972	0	757	3.6	664	3.2
RONALD J MAYESKI	B8	24.6	19944	0	599	3.0	658	3.3
ALLAN SCHNAKENBERG	B3	60.9	19965	0	744	3.7	658	3.3
SUNRISE+AVE FARM	B3	44.5	19216	0	727	3.8	638	3.3
AL MAR FARM	B3	39.3	19733	0	742	3.8	637	3.2
CARL SHEPSTONE	G3	63.8	19467	0	710	3.6	630	3.2
ROWE BROS	3	95.4	19834	0	869	4.4	628	3.2
JERICHO DAIRY	3	49.7	19188	0	715	3.7	625	3.3
TRI J HOLSTEINS	B3	52.3	19425	0	693	3.6	622	3.2
DALE WOROBEY	3	40.6	17914	0	708	4.0	618	3.5

WAYNE

JAMES SLOCUM	3	23.1	21551	0	809	3.8	717	3.3
GARY FIELDING	3	37.4	22716	0	821	3.6	716	3.2

WESTMORELAND

HARRY R MARKER	3	74.5	22763	0	807	3.5	735	3.2
ADAM S & JANICE DERR	B3	71.9	22215	1	806	3.6	708	3.2
JAMES E MC QUAIDE	3	63.6	21426	0	869	4.1	686	3.2
JOHN & ROBERT GRAHAM	B3	53.5	21119	0	725	3.4	661	3.1
WILLIAM BUTTERMORE	3	43.8	21444	0	720	3.4	658	3.1
OVERLEA FARMS	3	122.7	19754	0	673	3.4	646	3.3
KEITH C WALTERS	3	46.9	20921	0	827	4.0	644	3.1
KATHY&ALVIN VANCE JR	3	27.3	19572	0	782	4.0	634	3.2
RICHARD G STONER	B3	55.0	19506	0	694	3.6	612	3.1
ROBERT M FINK JR	B3	42.4	18955	0	707	3.7	600	3.2
JAMES D RUGH	B3	68.4	18019	0	676	3.8	588	3.3
HOWARD H BRANTHOVER	G3	83.0	18191	0	656	3.6	563	3.1
ROSTRAVER DAIRY FARM	G3	31.2	18272	0	577	3.2	562	3.1
GREEN HILL FARMS	B3	42.3	17925	0	690	3.8	553	3.1
RICHARD LOVE	B8	52.4	17269	0	655	3.8	553	3.2

WYOMING

DA VUE HOLSTEINS	3	43.7	24788	0	911	3.7	798	3.2
WAYNE-ROGER SHERWOOD	3	65.4	22948	0	866	3.8	745	3.2
RICHARD PLACE	3	61.9	20678	0	791	3.8	673	3.3
ROGER S WILLIAMS	B3	62.6	18663	0	780	4.2	645	3.5
R + W KUZMA FARM	B3	53.7	20392	0	742	3.6	645	3.2
SHUPPS FARM	3	51.1	19021	0	734	3.9	629	3.3
INSINGA HOLSTEINS	3	72.7	18871	0	677	3.6	627	3.3
TOM SANDS	3	60.2	19786	0	735	3.7	625	3.2
JOHN CHRIST	G3	33.7	19122	0	784	4.1	623	3.3
ARROWHEAD FARM	3	28.3	18109	0	669	3.7	587	3.2
WILLYE HOLSTEINS	B3	59.8	18119	0	653	3.6	586	3.2
DOOLITTLE HILL FARMS	B3	65.2	18149	0	673	3.7	578	3.2
TWOGETHER FARM	B3	55.2	17029	1	633	3.7	564	3.3
JOHN + PAM ATKINSON	B8	43.6	17557	0	615	3.5	540	3.1
FOSTER L CONSTABLE	3	45.6	16363	0	641	3.9	539	3.3

YORK

LYNN WOLF	3	86.1	24417	0	786	3.2	786	3.2
BLUE KNOLL FARMS	3	90.4	24481	0	781	3.2	786	3.2
SMYSERS RICHLAWN FMS	3	76.3	25335	0	869	3.4	783	3.1
THOMAS A BOYER	3	41.3	23223	0	855	3.7	749	3.2

(Turn to Page D11)

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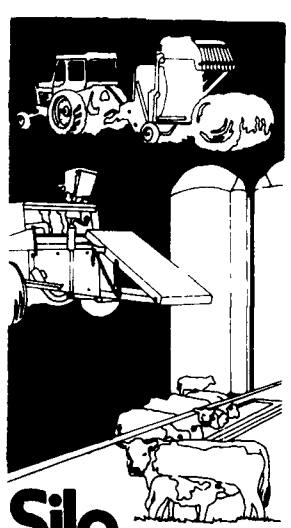

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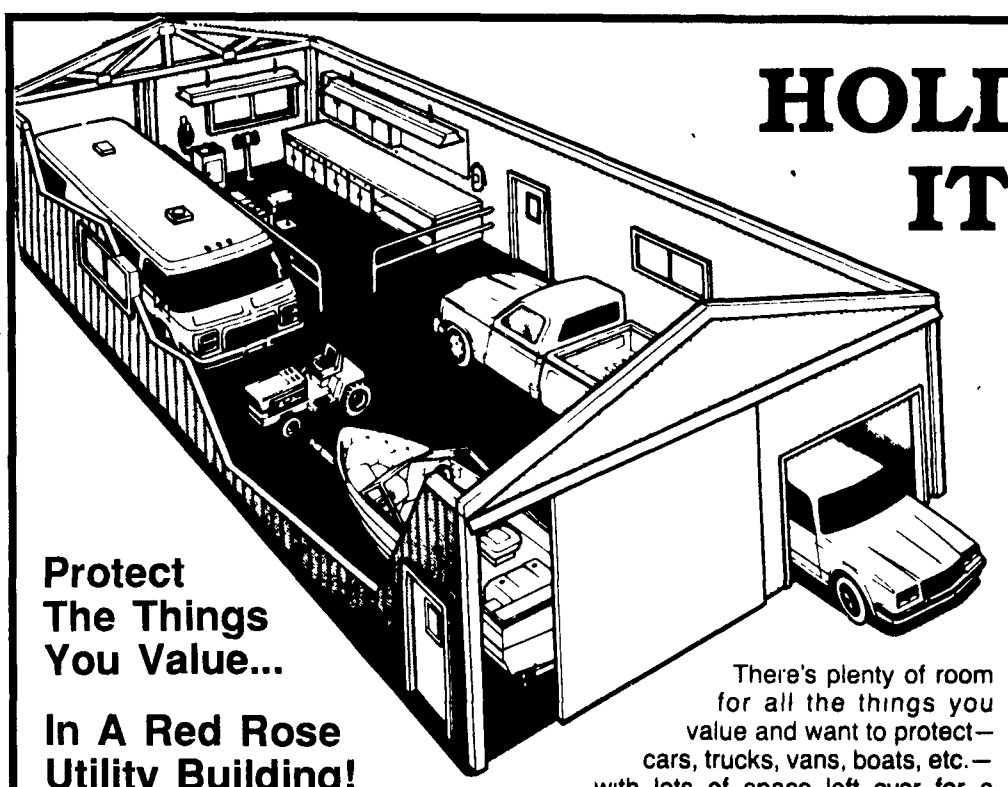

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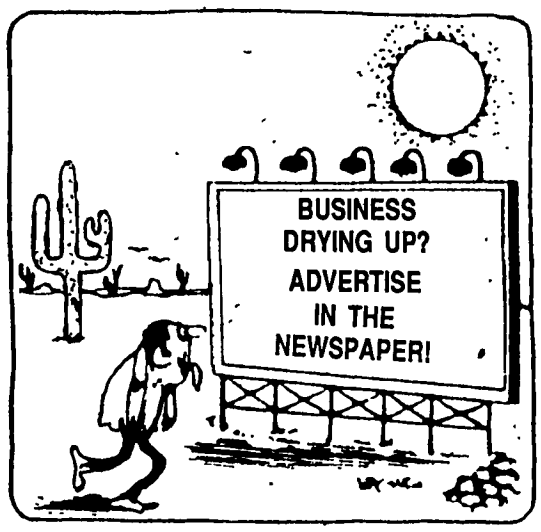

Top Pennsylvania DHIA Herds

(Continued from Page D10)

BESHORE FARMS	3	44.2	23534	0	900	3.8	746	3.2
LEONARD GREEK	3	46.8	22949	0	855	3.7	733	3.2
WALK LE HOLSTEINS	B3	78.9	22978	0	747	3.2	717	3.1
R R & M R STEWART	3	61.6	23372	1	687	2.9	714	3.1
RAMSEY S COOPER JR	3	73.0	23515	1	853	3.6	713	3.0
FURNACE CREEK FARM	3	136.0	22503	0	791	3.5	712	3.2
SINKING SPRING FMINC	3	63.0	22766	0	835	3.7	705	3.1
MELVIN R LEHR	B3	56.4	22537	0	762	3.4	698	3.1
EDWIN L CALHOUN	B3	57.6	21716	0	838	3.9	691	3.2
RUTTERS	B3	40.7	21566	0	844	3.9	688	3.2
DALE E RANCK	3	47.6	20953	0	753	3.6	670	3.2

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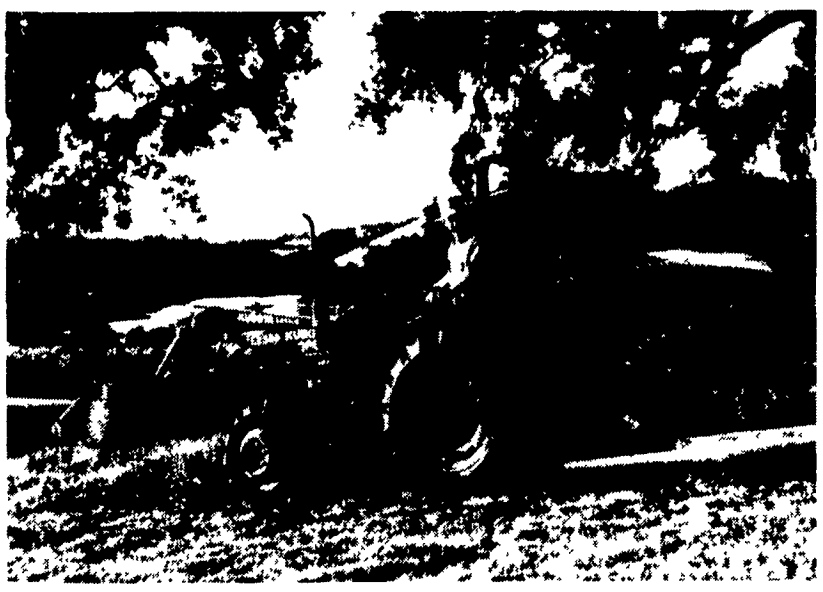

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Guide Highlights Dairy Quality Assurance Guidelines

NEW YORK, N.Y. — A comprehensive new brochure is available to help dairy producers understand and comply with the guidelines of the Milk and Dairy Beef Quality Assurance Program.

The free brochure, "Keeping Our Milk Grade A," opens into a 17 inch x 22 inch chart providing a quick-reference guide to prescription and over-the-counter drugs approved by the Food and Drug Administration for use in lactating dairy cattle. The chart lists drugs by compound name within treatment categories that are organized alphabetically. Specific information for each drug includes its brand name, milk withholding period, dosage form, and its status as an over-the-counter (OTC) or prescription drug.

"This is a convenient, easy-to-use guide to which producers, veterinarians, feed dealers and others who recommend, prescribe or administer drugs can determine the appropriate use of a drug on their dairy herds," said Cynthia Belgorod of Pfizer Animal Health, which produced the brochure. "The chart can be posted on a wall in a milk parlor, treatment room or veterinary clinic, so a producer or veterinarian can quickly refer to it as they're preparing to administer treatment."

The brochure also includes an explanation of the Milk and Dairy Beef Quality Assurance Program, a review of the 10 steps producers should observe to comply with the program guidelines to keep violative drug residues out of milk and help ensure the safety of the nation's milk supply, and a procedure for obtaining additional information about the program. The National Milk Producers' Federation and the Milk and Dairy Beef Quality Assurance Center cooperated with Pfizer Animal Health in the preparation of this brochure.

The national organization of Women Involved in Farm Economics (WIFE) has agreed to distribute the brochure as part of its educational programs. "The information is useful to everyone involved in the dairy industry and the brochure is straightforward and easy to understand," said organization president Joyce Spicher. "It provides valuable help for everyone whose goal is to keep milk pure and wholesome."

Up to five copies of the brochure are free by writing to "Keeping Our Milk Grade A," Pfizer Animal Health, P.O. Box 565, Horsham, PA 19044-9670. The same address can be contacted for information about bulk distribution.

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12 Oliver Transport Disc, $750 717-665-5746

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(2) 100 gallon anhydrous ammonia tanks w/valve, $100 each (410)778-0323

256 NH Roller Bar Rake, $1000 Washington Co 301/739-5946

25 JD 230 disc, 7000 JD 6R planter, monitor dry fertilizer insecticide, no-till coulters, 12T 3 pt chisel plow, JD 6R coultivator 215 488 1746 evenings

270 HP Cummins diesel w/135KW Kohler 3-phase generator, 523 hrs, Fairbanks Morse diesel w/twin super chargers w/3-phase generator, as is, truck load of used 3-phase Mig welders 717-293-1412

273 NH Baler w/Super Sweep pickup & bale thrower, good condition 717/786-1119

2 IH Super C's, 1 tricycle, 1 wide front, fast hitch w/2 row cultivators, 2 row fertilizer top dressers and scraper blade, excellent running condition 908/946-8876

(2) New Holland 8 forage wagons, excellent condition (717)356-7403

(2) NH 518 manure spreaders, 1-good, 1-parts STUMPLAND FARMS 215-488-1965

2Row Mechanical Transplanter, 275 Gallon Water Tank, Good Condition, $950, Matheson 4" Irrigation Pipe, 50-40' Sections, 15-30' Sections, 2450' Total, $2200 410-661-6116

2 tractor tires, 15 5x38, 90% rubber, $100 each

New 6R Dickie John monitor, model 1000, for NI, Kinze, or JD planters, $500 (410)838-6470

756G 3pt WF 16 9x38 8/SP very good condition $3,800 firm Dunham quick-attach loader, fits most utility tractors on IH 574, excellent, G/P bucket, $1,500 firm (410)721-2897

311 Ford 4R disc corn planter, fiberglas fertilizer boxes (717)568-0208

32 IH transport disc, model 350-370, A-1 shape 717-225-3616

3394 Case, 700 hours, excellent condition, $44,000 350 Knight spreader, 510 grain drill 717/359-9620

34hp Air-cooled diesel 4WD tractor w/2-speed PTO 3pt hitch, lower link fencing, remote hydraulics, deluxe seat, ROPS w/roof and flashers, weights 3400lbs, excellent rubber, 1100 hours, $7500 717/532-3360

(3) mechanical transplanters, tool bar w/guage wheels and markers, very good condition, $1,500 (609)769-3183

3 pt 4' rotary mower, $285, NI tandem axle PTO manure spreader, as is $285, 3 pt 12" post hole digger, $285 717-534-1253

488 NH Haybine, fair condition, $1500, 1947 JD A, restored, $1200 215/588-7197

555 NH skid loader, 1985, new tires, 2200 Hrs, excellent condition, $7200 717-354-6706

6' Airplane Propeller Fan, PTO Driven, On Trailer, $300 717-665-5760

6 new insecticide boxes for NI, Kinze, or JD planters, $500 (410)838-6470

6R7000 cornplanter insecticide conservation liquid fertilizer Good, $6,300 4R7000 conventional liquid fertilizer $4,600 4R7000 dry fertilizer auger fill $150 (717)354-4191, Bill

'77 International truck, diesel dump, recently overhauled, 30,000 gross, Farmall H tractor, tires like new, runs good, 11' JD disc w/transport, 12' Brillion cultipacker, 4" shaft, new bearings, Heavy duty, 3pt blade, 7½' wide 717-764-0494 Evenings 7-8 30PM No Sunday Calls

8000 gallon tank, good shape, $1000 OBO 410/836-7924

806D, new paint, Athens chisel plow, Little Giant elevator, hay wagons, Boumatic computer feeder, 800-gal Darikool tank, weigh jars, milk pump etc 717/872-8182

815 International Combine, auto header, Dickie John grain monitor, good condition, 13' grain head, $12,000 717-532-7905

848 NH round baler, auto, bale command and hay sweep York Co 717-456-7372

9N Ford Tractor w/New Paint, Good Tires, New 6' Pull Behind Mower, $2800 717-334-0824

AC 185, diesel, needs motor work, $2,800 410-833-9091

AC 4R no-till, min-till, Air Champ corn planter w/dry insecticide applicator Dry fertilizer Like New $2950 Schuylkill Co 717-345-8983, 717-345-8434 before 8am

AC 4R no-till corn planter w/insectide boxes, good condition, $1100 717-567-3868

AC 5 bottom, 16" automatic reset plow, works very good 716-554-4255 7-8AM or 7-8PM

AC 5' combine w/motor, $125, JD baler w/motor, side chute, $125; Bank barn, 30x60, make offer, WANTED. JD "G", 70, or 720, have Mercedes 220D to trade, good condition Adams Co. 717/632-5937

AC 7000 tractor, new radial tires, 18 4x38, very good condition 717-653-1979, 717-361-7846

AC 7060 duals under 2800 hrs $15,000 AC 3pt, 14T, chisel plow, AC 5b and 6b plows, hyd reset All are excellent condition Reason for selling, switched to no-till 609-585-6521

AC CA Plow Cultivator, New Paint, Good Condition 717-784-1779 $2400

AC Corn Planter, 4 row wide, dry fertilizer, no till, $850 (717)244-7527 or 244-6678

AC D-10 w/6' belly mower, ag tires, and turf tires, clean and ready (717)776-5456

AC HD-6 Dozer Less Than 100Hrs. on New Tracks Very Good Condition, with New 20' Hurst Trailer $8500. 717-784-1779

AC Model 1200 field cultivator, 21 ft fold. Excellent condition (301)845-8929.

AERATOR 3 pt, 60", $400 410-833-9091

Agchem sprayer, 250 gallon, 45', 3pt, excellent condition, $2200 215/459-3646

Allis Chalmers G w/rotary mower and cultivators, good condition (412)929-8545

ANHYDROS AMMONIA sidedresser, 500 gallon tank, 6 row, folding wings, $300, also Nitro-lator attachment for tillage equipment, $400, Good shape, reasonable offers considered Call evenings 717/425-2774

Artsway Grinder Mixer 105Bu, $1750, 10' Long Disc, $500, JD Four Bottom Plow $500, Drag Elevator $200, Harrow Cultivator (717)933-8365

Attention Please place your orders for rebuilt NI manure spreaders and NI transplanters EARLY! Last year people had to wait! Thank you, Thom Wheary, Jr (717)687-0102

BACKHOE JCB 3D, runs well, ready to work, $5,500 410-833-9091

BATWING MOWER WOODS B-320, new $10,000 410-833-9091

Badger 103 12' manure pump, rebuilt short time ago, good condition, $1200 215/932-2767

Badger BN103 12' pit pump w/chopper and fill pipe IH 650 harvester grass head for parts (717)626-1386

Belarus 822 4x4, 85hp, cab, air, 750 hours, excellent condition 717/786-8944

Black Hawk rayrake, 4 parts, $100 Cumberland Co 717-249-5717 Evenings and weekends

BN Farmall with hydraulic lift cultivators and two 250# Cole fertilizer attachments 717-677-7206

Briggs Stratton gasoline engine, 4-cyl electric grind stone on frame York Co 717 741-3039

Brillion 11'6" cultipacker 10'6" field cultivaltor 717/665-4743

Brillion 10' sure stand grass seeded w/transport wheels, excellent condition 814-793-3362

Brillion 25' folding mobile scratch harrow, very good condition, $950 (609)769-3183

Brillion 14' cultimulcher, crow-foot, nice, $2,000 offer (301)898-7426

Byron 103 1R, 3pth, sweet corn picker, garage kept, approx 20 hrs use and $7,500 (302)629-0476

Cagle sprayer w/45' booms, 500 gal tank, hyd drive pump, $1500 717-653-1979, 717-361-7846

COLLECTORS AC XT190 high crop, high clearance, excellent condition, all original, low hours 908/946-8876 after 7pm

Cockshutt 30, 1953, WFE, 3pt hitch, runs good, new rear tires needs paint $1400 OBO, IH-203 combine, cab, 13' head, pickup reel, garage kept very good condition $1300 OBO 908/591-8627 evenings

760 MF combine, 4 heads with trailer, 14' chain, flexible harrow, like new, trade for tedder? Franklin Co 717-530-8260

For most any combine, grain and/or corn header, or self propelled choppers Call Larry Stalter, "The Combine Man" 1-800-248-2151

For Sale 4 Bottom International 540 Semi Mounted Trip Plow (717)733-7424

For Sale Husky 3100 Gallon Tank Spreader with Injector, Husky 10 Ft. Vertical Shaft Manure Pump (717) 949-3866

For Sale Zook 2200 gallon liquid-semi solid tannem axel manure spreader Good condition $2,200 (717)742-2712

FREE, Century 200 Gal Boom Sprayer w/Purchase of Farmall High Clear Super A/V Tractor w/ Cultivators and Liquid Fertilizer Applicator $2500 Good Condition 609-267-6071

Frick 2Saw Edger, Working Order, Case Construction King Backhoe/Extend-A Hoe, Running Condition Lehigh Co (215) 767-9385

Gehl 99 Forage Blower new main bearings last fall 1 season on new band ready for work 814/662-2048

Generator w/Willy's engine, on skids, runs & looks like new Call 908-946-8876

Gleaner F diesel, corn/soybean special, good condition, shed stored, best offer 410/398-5658

Goliath #74 silo unloader, US ag systems, 15' manure pump, 3200 gal Calumet tanks, spreader 10 ton feed bin 215-436-0444

Grain Drills- JD #8300 23X7 DD Press Wheels& Int #620 24X7 DD Press Wheels Excellent Condition $3500/Each 717-524-7654

Grain drill for sale IH 5100 soybean special, 24 holes, 6" spacing, good condition Call after 7PM, (717)334-6919

Hesston grass pickup attachment Brillion 9'6 cultipacker, VG condition 717/665-4743

HIGH TORQUE DIESEL STARTERS with 3 yr warranty for most domestic tractors and select imports With 6 month no risk money back guarantee Call Gary D Sneath at 1-800-622-7892

Horsts wagon gears w/ honest ton rating and no sway trailing, heavy duty Custom made wooden conveyors and taperboard feeders RISSLER CONVEYORS, 1275 Indiantown Road, Stevens, PA 17578 (215)267-2244

Howard Rotovator Model HR40, 108" Wide, Ex Condition, $5000 215-383-7042 Days, 215-593-7094 Evenings

Huskey 5,000 gallon manure spreader, Calumet 3,500 gallon, Hough Pay loader, JD 215 disc 717-359-9620

ICH 6' double roll cultipacker, very good, $75, IHC 3-bar hay rake and tedder on steel, very good, $75 814-793-3573

IH 1066 Fender Tractor, 2900 Hours, New Rubber, +TA, $8500 908-454-8571

IH 12' vibra shank w/ cylinder, $975, JD 3 pt 14' rotary hoe, $300 717-653-5733.

IH 2350 quick detach loader $2000 (814)364-2123

IH 370 12½ ft disc, $1200, JD 5X16 plow, $650 JD 1240 cornplanter, $600 Kill Bros bin wagon $1025 New Idea 312 corn picker NR, $675, Ontario grain drill, $250 (215)488-6927

IH4500 vibra harrow 20' hydraulic fold w/midwest coil-tine harrow, 500G sprayer tandem axle 45' boom, elect control foam marker (2) 4' Brillion cultipackers (717)258-3967

IH 45 vibra-shank field cultivator 18', excellent condition, $1,800 (609)769-3183

IH 460 gas pony wheels, hydro live PTO, new rubber quick hitch, 3 bottom plow, $3000 OBO 717-927-9453

IH 4RW cyclo-planter, dry fertilizer,insect boxes, like new, 20'silo unloader 717/789-3244

IH 5088 CAH, 2095 Hours, 20 8-38 Radials, Excellent Condition, $24,000 410-775-7519

IH 5488 tractor, 1300 hrs IH 55 chisel plow 1900 Krause disc harrow 6R 7000 JD corn planter (215)593-2600 (215)593-6302

IH 56 4R Planter, Good Condition $200 717-755-1460

IH 584, needs paint, $4,500 410-833-9091

IH 656 Diesel Tractor w/ Wide Front End, 3Pt Hitch, Front End Loader and New Hydrostatic Transmission, Very Good Condition 717-755-1460

IH 656 Diesel Tractor, WF, 3Pt , Runs and Looks Very Good, $4500, Oliver 1650 Diesel, WF, 3Pt , Runs Good, Needs Some Work, $1800, JD 24T Baler w/ Thrower, Excellent Condition 609-767-0444

IH 656 runs well, good rubber, $3,800 410 833-9091

IH 706 Gas, $2700, 12' Oliver Disc, Good Blades $1000, Speady Stalk Beater, $250, Roseman 3 Gang Mowers, $400, International H Live Hydraulic for Parts $475, Farmmeck Gravity Bin w/Gear $450 717-653-5733

IH 710 4 bottom plow, automatic reset, ready to go Union Co (717)966-3497

IH 710, 6x18, plow, auto reset w/packer hitch, excellent condition, $2,250 (609)769-3183

IH 720 forage harvester, 2R, W/N, cornhead, wind row head, electric controls, $3200, antique 1950 Ford dump truck, V-8, flat head, $750, JD 45' hay elevator on wheels, $650, Brillion 20 hyd fold field cultivator, $1100, IH model-04 tractor, $900, IH H-tractor w/ loader, $1200, 1946 Int flat head truck, $250 302/398 4530

IH 720 Plow, 5 bottom, 18" 717/569 1345

IH 720 Spring Reset Plow, 4X 18' very good condition, 717/322-3201

IH 784 cab, new tires & paint, excellent condition, $11 000 410/775-7519

IH 800 no-till corn planter, acreage and population monitor, dry fertilizer, excellent condition, field ready, $5000 814-536 1110

IH 826, TA, dual PTO, dual outlets, nice, $5200 717/922-3340

IH 886 turbo, 108 HP, 1380 hrs , tenderfoot shifter, excellent condition, IH 800 Cyclo corn planter, 6RN, liquid 412-787-5948

IH 900 no-till corn planter, 150 acres on new coulters, cross auger fertilizer fill system, well kept, $8500 717-567-6059

IHC 4R corn planter double disc and runner openers fiber glass corn and fertilizer hoppers Massey Ferguson disc grain drill, 16x7, large hoppers Lehigh County (215)767-5512

IH Ford-16 in Tripback bottom plow 540, (2)IH 2 corn row heads narrow and wide (717)834-3597

IH offset 8' disc, almost new, 22" blades in front, ready to use, good for finishing plowed ground. Lehigh Co 215/679-8921

Diller Manure Tankers Pull type or truck mounted We buy, sell, trade, and rebuild at a fraction of new cost Call (800)523-8002 or (717)369-2691 today Franklin County

Dismantling for Parts Hundreds of farm tractors new and old several JD 2 cylinders also dozers and track loaders Call for any part you might need Atkins Tractor Salvage Union WV 24983 Phone 304-772-3741

Dri-all Dryers 1 is A-20 oil PTO, 400 Bu/hr continuous flow, other is PC116 gas 30hp electric, 250 bu/hr, continuous flow $10000/both 908-859-2616

E-Z boy 1000 gallon sprayer w/dolly wheel and foam markers, 40' booms, $1,450 717-534-1253

F-2 Gleaner Combine with Grain and Corn Heads $9500 717-432-3869

Farmall 460D FH/TA 311 plow, $2600 York Co 717/792-2888.

Farmall 560D w/belt pully, $1850, Int 4R 3pt cultivator, $450, JD FBB hoe drill, 17-hoe, $425, JD 507 7' pull-type rotary mower, 3 blade, $1100, Int 8' drag disc, $175 215/562-4464

Farmall 666 WF Ford 5000 WF Farmall M All excellent condition Columbia County (717)784-4499

Farmall Cub w/hyd pulley plow, 198 right and left plow, 144 cultivator, 172 corn planter, Cub 54 snowplow, pull type disc, Asking $3200 for all $717-759-9870

Farmall Super C, nice, low hrs , wide front, good rubber, Wagner loader, buckets, plow, runs great, $1795 201-948-4565

Farmers = Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section 717-394-3047 or 717-626-1164

FORD 1910, diesel, 1,100 hrs w/6' Woods belly mower, $5,500 410-833-9091

FOR SALE.(6) 8ft X 16ft painted oak bale wagons with 8 ton running gears and adjustable tongue 1-4 years old $850 each (215)562-0826 leave message

FOR SALE Betterbilt 1500 gallon tandam axle vacuum spreader (717)374-8667

FOR SALE JD #999 corn planter w/fertilizer attachments, complete ready to go good condition, JD riding coultivator, IH riding coultivator 717-768-7440

FOR SALE New Holland 469 haybine Lancaster County (717)367-7831

Ford 1900 4X4, Loader, 375Hrs Approx , Garage Kept $8500, 3PTH Roto tiller 80", PTO Drive, $200 ChesterCo Evenings 215 268-8008

Ford 2810, like new, 1055 hours, P/S, 3pt, $7,450 (410)833-1847

Ford 4000 diesel, 3 pt hitch, 8 speed, runs good, used on small farm, $4800 607-849-6472

Ford 4 Bottom 16" Auto Reset Plow $1100, Krause 10' 3Pt Chisel Plow w/ Hydraulic Gauge Wheels $600, JD 16' Transport Field Cultivator $900 609-767-0444

Ford 5000 M&W Turbo Diesel, High Model Tractor, Select Speed, WF, New Tires, Well Kept, Used on Small Farm $6700 717-653-5396

Ford 5610D w/Loader, 1300 Hours, IH 574 w/Cab, New Ford 4000 Diesel Engine, 3Pt Hitch Lift Arm For Ford 5000. Saxonburg, PA 412-352-1081

Ford 7700 fender tractor, $6,850 410-833-9091

JD 5-16 semi-mount hyd reset plow, on land hitch extras, $1200 OBO Schuylkill Co 717/943-2585 leave message

JD 6600 combine, 78 model, 2000 hrs w/215 grain table, nice, $12,500 (301)733-2195

JD 660 Hay Rake w/Dolly Wheel, Nice, $1425, NH Double Rake Hitch $300 717-532-3984

JD 7000 Conservation Corn Planter, 4RN, dry fertilizer w/insecticide boxes, excellent field-ready condition, $4200 410/836-1891 after 7pm weekdays

JD 7000 Conservation, 4-row wide, dry fertilizer, insecticide, herbicide, unit coulters, monitor, $5,000 Harford County, 410-452-5575.

JD 7000 conservation 4RN frame mounted coulters, monitor, insecticide, dry or liquid fertilizer. (215)381-3043.

JD 7000 no-til 6R corn planter, liquid fertilizer, 300 series monitor, $7,800. Stoltzfus dry fertilizer spreader, $550 (717)252-1077.

JD 7000 planter, no-till, very good, $6000; IH 966 hydro, $11,000; AC HD5 crawler, $3500. 717-244-7527, 717-244-6678.

JD 7100 soybean special, 10RN, excellent condition, 3 pt hookup w/assist wheel 410-239-7252.

JD 714 soil saver 5-tooth chisel plow with disc, like new (717)733-0660

JD 7520 3 pt PTO dual outlets (814)355-8292

JD 7700 combine, dial-o-matic, chopper, right out of field, $8,000 After 6pm, (410)795-0689

JD 8300 grain drill, 18 double disc, 3 kicker wagons 215-932-2316

JD 830, electric, 730D, WF, 630, 430T WF Serial #140007, (2) styled G, 1-w/ WF, Unstyled G 1-w/ spoked wheels runs good Call evenings 717-222-4432

JD95 Combine gas, gear, cab, spreader, 4RN corn, 13'grain, $2000 302/738-7830

JD COLLECTORS· JD 620, excellent condition, new paint 908/946-8876

JD F125 3 Bottom 16" Hydraulic Reset, New Steel, Must Sell Best Offer 717-933-4887

JD Model 210 Disc, Ex Condition, $2000 215-383-7042 Days, 215-593-7094 Evenings

Corn planter, John Deere 694AN, 6 row, 30", good condition 717-677-7206

Country Boy 295 bu gravity bin without gear, very good condition, new 11/92, $800 814-383-2022

CULTIPACKER BRILLION double row, $375 410-833-9091

Cub Farmall w/5' midmount finish mower, good tires and paint, hyd starter and lights, $2200, Cycle bar mower for same, $125 717-534-1253

DEUTZ DX160, 4x4, CAH, $10,000 410-833-9091

DISCBINE NH 411, $4,500 410-833-9091

DISCS JD 210 and 110 new blades, scrapers, paint NO Sunday calls 302-653-4708 or 302-653-0313

DISMANTLING FOR PARTS Just arrived for parts Case 680E backhoe/ loader w/damaged 336 engine All parts available BALANDA EQUIPMENT P O Box 407 RT 29 Palm, PA 18070 1-800-322-8030

Diesel Engines. Detroit, 318, 671, V-653, 6V92, 8 2, Chev. diesel 6 2 Other engines and truck parts Reasonable prices Call after 6PM, (215)944-9871

JD #270 3pt disc mower, 9'2" cut, brand new condition, used less than 100 acres, $6700, JD 4020D side console, WFE, 18 4-38, dual remotes, roll guard & canopy, original paint & perfect metal, $13,200 717/624-9032 after 6pm

JD 2840 Tractor 2150 original hours, new rear tires, very good condition 410/692-6028 410/692-6351

JD 2940 hi/lo dual outlets $10,800 JD 4020 side console, Power Shift, dual outlets, $8,600 Case IH 600 blower, like new, $3,200 (301)733-2195

JD 3010 Diesel Tractor, WF, Dual Hydraulics, New Rear Tires, $4,250 908-359-5934 Evenings

JD 301, gas, turf tractor, excellent condition, $3,800 410-833-9091

JD 316 Lawn & garden tractor w/mower, 2 hyd outlets, recent overhaul, excellent condition, $1750 717/532-6146

JD 336 baler w/kicker, shed kept, excellent condition (717)872-4509, (717)872-2323

JD 336 baler with ejector, NH 479, 9' haybine, Brillion chisel plow York Co 717-235-2966 7 30PM

JD 38 harvester, long tongue, 1,000 RPM, silo unit or parts 717-949-3074 or 703-879-9926

JD 400 15' rotory hoe Brillion 6R cultivator, good condition (717)354-5092

JD 4020D, WFE, power shift, roll bar canopy, $6,500 410-833-9091

JD 4020 diesel WF power shift, dual outlets, 18 4x38 rubber, good condition, $8,800 (717)677-9266 Adams County

JD 4040 SGB QR Excellent Condition, Chains to Fit 20X38 Tires, Level Flow Gooseneck and Distributor, 46' Sprayer Boom 717-733-4516

JD 40 w/3 pt hitch, excellent $2800, JD 60 w/live power, excellent, $2000, JD semi-mount, 4b plow, $400 410-754-3213 Caroline Co

JD 4230D, CAH, PS,low hours, $16,500, JD 347 baler w/chute, hyd tension, $6000, JD 336 baler w/thrower, hyd tension, $4200, NH 1037 stack wagon with remote controls, $8200, Tye 7' no-till drill, w/grass seed, $4000, NH 55 rake $900, JD 12' roller harrow, $1000 All equipment very good to excellent condition Stored inside Field ready 410-584-1128, 410-584-2942 Eves

JD 4230 diesel, WF, power shift, low hours, new rubber, new paint, mint condition 304-725-2465

JD 430 2 cyl tractor, $2000, JD 50 w/disc harrow $800 Both need restored 410-795-1995

JD 4320 fender, outlets, field ready, $7,000 410-833-9091

JD 4420 combine, 1420 hrs , 444 corn head, 213 floating bean head, spare parts and tires, 23x26 tires, $20,000 FIRM 804-784-3131

JD 4520 diesel, new paint, excellent shape, JD 7000 conservation planter, 6R, 30", monitor 717-432-8587

JD #485 haybine, hyd cylinder hoses, works excellent, $700, hay wagon, $200, 4 ton metal feed bin, $100 609/268-2892

JD 5020 diesel, 45 hrs on engine overhaul, new rubber, new paint, $12,000 OBO 717-275-0845

JD #50 Tractor w/3Pt Hitch and Cultivators, Nice, 1 Owner Tractor, $1900, JD 12' 3Pt Vibra Shank Field Cultivator $600, IH 14' Transport Disc w/ Mounted Scratch Harrow $1100 609-767-0444

Int 205 combine, 13' grain head, excellent condition (717)374-3578

Int 300 Utility w/loader, needs clutch, $1000, JD 9' KBA disc, 18"blades, $875, Int 9' transport disc, $875, NI 14A manure spreader, $975, Badger silage blower $275, Int 4X fast hitch plow, $250 215/562-4464

Int 3pt hitch rototiller, fits Farmall Cub tractors, $375 215/766-0479 evenings

Electric Badger bale chopper, $600 IH pull-type 2 bottom plow, $150 (215)845-3731

Int 756-D WF cab 540/1000 PTO's 3-pt radial tires 85% rubber, $7,000 Harford Cty 410-836-1252

International combine 615, 3RN corn head, 13' grain head, $3200 215-885-1032

International 800 Syclo Corn Planter, 4R Wide or Narrow, Dry Fertilizer, Excellent $5000 410-775-7519

International 205 combine, 10' head, 2 row picker, runs or parts Best offer 215-383-5647

International front tractor weights, International 5b plow, 10', JD fertilizer spreader 609-758-1806

Int UD236 Engine w/hyd power unit Will sell w/or without hydraulic unit Engine runs good Hundreds of applications 717/933-9016

IRRIGATION PIPE 6'x30' aluminum, $40/each 410-833-9091

Irrigation Equipment 5 cyl Deutz pump, (3) 40 pipe wagons, 15,000'+ 4&6" pipe w/sprinkler, $12,000 Root washer/2 conveyors, $1000 (2) ice machines, $1500 (2) 5-ton refrigeration compressors, complete, $3000 (2) 3-ton refrigeration compressors, $1800 609/298-1809

Irrigation Equipment Hale PTO pump, 1400'-5" line, 4800'-3" line with sprinklers, $9000 717/745-3579

Irrigation equipment 6V53 Detroit diesel, Rainbow pump, $2,500 6" high pressure pipe, $1 80/ft (717)867-4896

JD 1020 ORCHARD, gas, very narrow, $4,200 410-833-9091

JD 1240 plate-type corn planter, 4R w/dry fertilizer, VG condition, $1,200 Ag-Pak bin box dumper w/ hydraulic driven feed and 7½ hp fluid power hydraulic system, excellent condition, $4,500 White 588 on-land hitch, 6 bottom plow w/20" bottoms and disc jointers, spring automatic reset, excellent condition, $5,500 Lackawanna County, PA (717)587-1725

JD 12' cultimulcher Oliver 546 5-bottom moleboard plow 717/665-4743

JD 1450, 4X plow, 4x18 GC, $1500 215-249-9389

JD 14T baler, works excellent $400, Case axle duals, 20 8x38, $400 OBO 717-872-6733

JD 2030, P/S, 90% rubber, 2644 hours, very clean, $8,250 (410)833-1847

JD 213 flex head, black reel, JD 13' ridgid head Both shed kept, very good condition 717-944-1346 days, 717-533-1358 Eves

JD 2440 Hi/Lo, Ind PTO Wts 4800 Hrs $7500, JD 2020 Gas $4600, Case 1737 Skid Loader 215-777-4272

JD 24-blade KBA disc, nice, $525, Athens 7 tooth chisel plow, $625, Int 51 chuck wagon w/roof, $850, NI 14A manure spreader, $975 215/562-4464

JD 25 3pth sprayer, $250 Fairbanks platform scales, $100 (717)872-5923 (717)464-2251

JD Model 4200 4 Bottom Hydraulic Roll Over Plow, Like New, $2900 609-267-6071

JD M tractor and cultivator, good condition, original paint (717)966-1706

JD model 420 crawler loader, 1956, rebuilt engine, and rebuilt U/C, machine has been sitting for over 10 years Motor is good, $2,000 Evenings, (215)579-7084

JD transport disc, 10', good, JD 3pt disc 7' good Brillion cultipacker Ford 3pt plow, 3x12 bottoms (717)776-6350

JD unstyled B's, 37&38, $1,400 each. JD 720 gas for parts, $600 JD 4430 engine parts Tractor hoods JD 5020, $50, 7520, $200, 4520?, $50, 3020 side console, $100 WANTED JD 5020 except motor, or 5020 engine to sell, $2,000. 2 new 24x26 JD rims, $300 New JD rim fits power front tractor, 14x26, $150 JD B early 40's factory WF, $600 JD 50 original tires and paint runs excellent, $2,000 (607)898-3154, (607)898-4448

John Blue Sprayer L4000 pump w/30' booms Sold without tank, but can use up to 500 gallon tank Good condition (410)357-5969

John Blue 8 Row Squeeze Pump, 3 Fiberglas 80 Gallon Liquid Fertilizer Tanks, 2 23 1X26 Turf Tires w/o Without Rims, John Blue Sprayer w/Ground Drive Pump 215-589-2449

John Deere 730, diesel, $5,000 or best offer (301)582-1599

John Deere Van Brunt grain drill Ready to go, $150 (717)566-2958

Kuker 150-gallon, 3pt hitch sprayer, 26' boom, new, used once 717/842-7157 after 5pm

Lely 3pt fertilizer spreader, needs work, $200 OBO Lehigh Co 215/965-6363

LOADER ATTACHMENT FORD 730, includes valve, very good condition, $1,000 410-833-9091

Loader for Case IHC 234-235, $1675, fits Mitsubishi model 160-180 814-676-8152

MANURE SPREADER NI 214, $750 410-833-9091

MANURE SPREADER NH 791, tandem, $1,600 410-833-9091

Martin's Equilizer Manure Loading Auger, $750 (215)445 6816

Massey Harris 50 clipper combine, very good condition $1000 Cambria Co after 4PM 814-344-8447

POTATO PLANTER- McConnell 2 row potato planter plus Gandy insecticide box Good condition 717-532-9108

MF 1130 tractor, 120 horse, excellent condition (717)656-2321

MF 12' Transport Disc, $400, MF 750 Combine, Gray Cab, Hydro, w/6RN Corn Head $6000, JD 4 Bottom Hydraulic Reset Plow $600 609-767-0444

MF 165, gas turf tires, PS LPTO, $2,400 410-833-9091

Pneumatic tire, towmotor, forklift, 4000#, aluminum 4' irrigation pipe and fittings, Race & Race 609-561-5279 M-F, 5-8PM

POTATO PLANTER- McConnell 2 row potato planter plus Gandy insecticide box Good condition 717-532-9108

Porterway tomato harvester, 36" disc header, hydraulic leveling, high capacity oil cooler, swing back elevator, and setup for electronic sort, $5,500 (717)872-8508

Rhino 5 tooth coulter chisle plow, Int 12' disc, Brillion 12½' field cultivator wtih Midwest coil tine harrow, Brillion 14', 4" axle cultipacker, 57'x8" grain auger 717-367-3242 717-361-8747

ROTOVATORS Howard 5' & 8', $1,000/each 410-833-9091

Shaver Post Drivers HD8 $1095, HD10 $1695 Taneytown Farm & Hardware, 410/751-1500

SKID STEER CASE 1835B, 1,700 hrs , nice condition, $6,250 410-833-9091

Skidloader backhoe rental Yours broken? Rent ours! $70 $80 half day Anytime except Sundays Ruhl s (717)367-8434

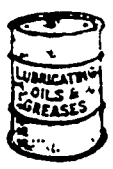
Slurry Store 1461, 15 HP electric motor and pump, (3) Harvestore, 2080 2060, 2027 w/unloaders Reception pit 30 HP chopper and pump, Roller mill and auger, 3 HP motor, Surge 2" low line and reception jar 717-727-2015

Steiger Bearcat, 210hp, 23 1x30 duals $10 000 717/745-3579

Steiger Cougar ST251, Case IH 1660 combine w/4WD, 6R corn head, Krause 4927A 25' wing disc, Krause 2700 18' offset disc, Case IH 900 6R corn planter, Case model 700 on-land 6b 18" plow 914-876-6614

Stoltzfus W-chain sower/ spreader, 10' s s box, 30' s s booms, hyd drive, foam markers, closed top mounted on 1984 Ford 8000, 3208 Cat, 10 speed RR trans like new semi float tires, 48x31 rear, 42x25 front Only 34,048 actual miles and 1332 actual hours Total rig in very nice condition $23,500 or make offer 216/355-5641

Larry L. Adair



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15W40	$188.00
SAE 30	$183.75
Tractor Hydraulic	$193.50
Hydraulic Oil	$145.60

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800-755-OILS (6457)
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Hook-Up Your Farm Wagons Safely And Efficiently From The Drivers Seat.
Satisfaction Guaranteed

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Stringbean Picker, Chislom Rider 2R w/bagger and buggy, and complete stringbean grading and packing system, all in excellent condition 908/946-8876

Sunflower 4211 7 shenk chisel plow Hydraulic discs Used less than 500 acres Excellent condition Call (717)733-7155 or (717)582-2730

T340 International w/ loader, $2500, JD A field ready, good condition, $1800, IH 14' vibra shank field cultivator w/2' wings on side $1300, round steel corn crib w/roof $500, good condition 717-354-4430

Taylorway disc harrow, model 650, offset 12' working width, new never used, $8,900 (410)838-6470

TILLER SIDE WINDER 15', variable width, $1,000 410 833-9091

TRACTORS FOR SALE IH 806 gas- 560 diesel-WDR9, Case 500 diesel on steel, 1936 L, Case tractors all in good condition Pulleys and steel available Aaron King, 155 Herr Road, Ronks, PA 17572

USED TRACTOR PARTS, also rebuilt clutches and torques We ship UPS Hill-T Farm Sales = Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346 513-548-0718

Vermeer balers 505-I, 504-G, 504 silage Gehl 1310 Silage wrappers 275 9' disc M/C H&S spreader clearance (814)635-3392

Stoltzfus Fertilizer spreader, stainless steel booms, $3950, Hiboy sprayer w/dropped nozzles $1000, 8'-cap, 7'-high $200 908-454-0889, 859-3730

White 2-180, cab, 20 8x38, axle duals, 2 remotes, quick hitch, $12,900 717/867-4896

White 2-85 w/cab, new rubber, 18 4x38 tires, all wts, new hydraulic pumps, 2900 hrs IH 550 5 bottom plow w/cylinders and sidehill hitch $11,000 for set Juniata County (717)463-2594

White 5100 4R no-till planter w/insecticide $3600, 32' elevator $400, 4N1 bucket for NH skid steer $1000, Used parts from 5100 White planter Lancaster Co 215-267-3140

Vermeer round balers, new and used, round bale wrappers, new trailer model, $5,200 (412)423-4076

VICON #321 10' disc mower conditioner, swivel hitch, nice condition, $5,000 Two BADGER 14' forage wagons, 3 beaters, grooves, 8 ton gears, good condition, $2,300 each Lanc Co, 717-285-5544

WANTED Bucket for Woods 750 3PH Backhoe 717-938-1217

WANTED TO BUY Oliver Cletrak tractors or parts OC3, OC46, OC6, H6, A-G-D,, E-G Wyoming Co 717/945-7759

WHEEL LOADER CLARK 55B, E-ROPS, $7,800 410-833-9091

White 2-135, cab, 18 4x38, duals, 3 outlets, $10,500 717/867-4896

White 2-155, cab, 20 8x38, axle duals, 2 remotes, $9900 717/867-4896

White 5400 no-till air planter, good shape, $1200 OBO 410/836-7924

White 5400 4R no-till corn planter w/dry fertilizer & insecticide, best offer 410/922-5180

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WOODS MOWER #121, new w/warranty, $3,450 410-833-9091

Woods 20' foldup rotory mower, solid tires, new paint, runs good, $2,000/Offer (301)898-7426

Stainless Steel dairy sink, 64x19x17
(1) double bowl, SS sink, 60x19x17

(4) 3' metal stairs for milk parlor

(4) Jamesway feed carts

Forklift Model 59

(2) Starline barn cleaners Model 47 w/200 chain and flights per unit

(3) Patz barn cleaners Model 400 complete w/motors

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Myers Sprayer, 3 point hookup, 150 gallon, row crop head, 36" stand, Rebuilt pump last year, good condition $3,000
JD Manure spreader N, power Takeoff $1,100
JD 10' grain drill $1,000
NH feed grinder #355 grinder mixer, extended elevator $3,500
MF 65 diesel, 3 pt. hookup $2,750
Jeep Wagoneer 1977, 4x4, 4 door, quad track, 107,000 miles $1,250

Surplus Machinery
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Hi-Pressure
Manure Pump
with Agitation and
Suction Fittings
Make Offer
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AC 6080 Dual Remotes, Rops & Canopy, 18x34 Radials 90% 10x16, New
2200 Gallon NI 384 Spreader (Same as Martin or Gehl Scavenger) Flotation Tires, 16.5x16.1
1500 Gallon Better Bilt Vacuum Spreader, 19x16.1 Tires
JD Rims for 16x28 Tires

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SPECIAL
New White 6100 6 Row Planter, No Till, Dry Fertilizer, Complete
A Real Buy $16,500 Cash & Carry Only
Used White 5400 Corn Planter
4 Row N, w/Dry Fert., No Till

NEW TILLAGE
1-White 445 Combination Chisel Plow 9 Ft. Wide w/Subsoiler .. **$6,700**
1-White 281 Offset Disc 10'10" Wide 24" Blades **Special Price $8,500**
1-White 256 Disc Harrow 11'6"
New 1-Meyer Model 2636 Super Spreader, 360 Bu. Cap. or 1665 Gal. Cap. Will Demo

USED
White 2-60 Tractor, 4775 Hrs., Single Remote (Loader Available)

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PLEASE WRITE CLEARLY

Lancaster Farming
1 E. Main St.
Ephrata, Pa. 17522
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or Lititz
717-626-1164
FAX 717-733-6058

PHONE HOURS:
Mon., Tues., Wed. & Fri.
8 a.m. to 5 p.m.
Thurs.
7 a.m. to 5 p.m.

OFFICE HOURS:
Mon. thru Fri.
8 a.m. to 5 p.m.

The following categories are available for your classified advertising. In Section D. Deadline-Thursday morning at 9 of each week's publication

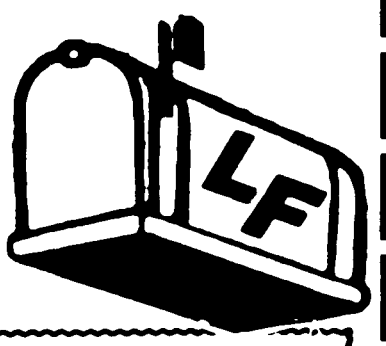
1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders

The following categories are available in your classified advertising. In Section C. Deadline-Wednesday afternoon at 5 of each week's publication.

4- Building and Supplies
5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

MAIL TO:
LANCASTER FARMING
P.O. Box 609, Ephrata, PA 17522

PLEASE CALL OUR CLASSIFIED AD DEPT. IF YOU WANT TO ADVERTISE A DISPLAY BOX IN OUR PAPER.



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Name _____

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Please publish my____word ad____times starting with the_____issue. Classify under #_____. I enclose_____.

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: $1.50 per ad per week additional.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

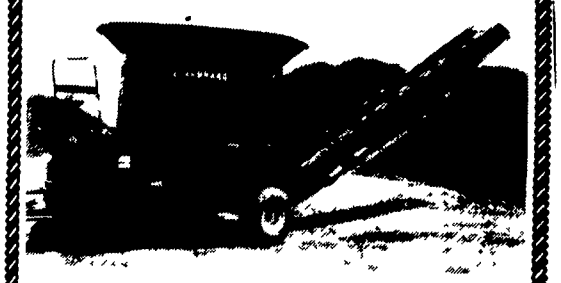
DEADLINES:
SECTION C - WEDNESDAY AT 5:00 P.M.
SECTION D - THURSDAY AT 9:00 A.M.
OF EACH WEEK'S PUBLICATION

CLASSIFIED ADVERTISING RATES
36¢ per word per week - 1 or 2 times
30¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.96	7.92	9.90
12	4.32	8.64	10.80
13	4.68	9.36	11.70
14	5.04	10.08	12.60
15	5.40	10.80	13.50
16	5.76	11.52	14.40
17	6.12	12.24	15.30
18	6.48	12.96	16.20
19	6.84	13.68	17.10
20	7.20	14.40	18.00

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

(Phone Numbers Count As One Word)



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Like New
Only 60 Hrs. On It
$19,500.00
Call Between 6:00-6:30 Evenings
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FOR SALE

JD 1020 Gas..... .... **$3,800⁰⁰**

JD 3020 Diesel, W/F, Good Cond..... **$5,600⁰⁰**

'65 GMC C&C T/A V-6 (Belt Drive 30,000 Orig. Miles) **$850⁰⁰**

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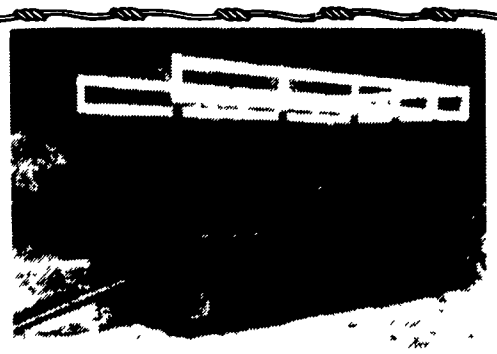
410-795-7729 301-829-0271

FORD 7700
Dual Power, Runs Well
$6,850
410-833-9091

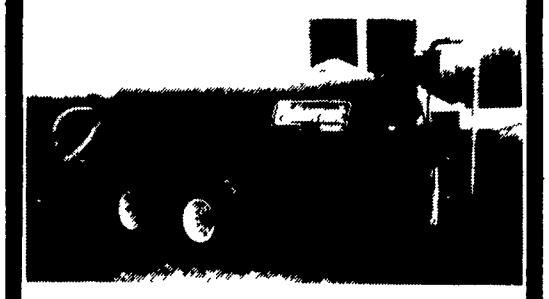


6 Ton Gear Steel Wheels	$550.00
8 Ton Gear Steel Wheels	$595.00

On Oak Bale Thrower Bodies, Over 300 Bolts In Each Body

18'L-9¼ '; W-7¼ 'H, Painted	$700.00
86 In. Wide 8 Ton Gear Adj. Tong 11L 8 Ply Tire w/Tubes	$685.00
Complete	$1,360.00
18'L-8'W-7½ 'H Painted	$625.00
16'L-8'W-7'H Painted	$525.00
8 Ton Gear, No Tires	$460.00
Set of 4 11L Tires w/Tubes	$175.00
Used Tires w/Tubes Set of 4	$50
Extension Tongue Extra	$25.00
18' Oak Bed Painted	$260.00
16' Oak Bed Painted	$200.00

Ivan, Noah, Ammon Hoover
1571 Diamond St., Road, Ephrata, PA 17522
7 AM to 7 PM **717-733-6825**



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- V2250 Gal. Calumet w/New Tank

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- **Vertical Shaft Pumps**
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Case 1494 4WD
IH 235 4WD w/5 QA Loader
IH F706D
Case IH Maxxum 5130 4WD
Cub Cadet 1572 Diesel w/60" Mower
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Used Woods 1860 Mow'n Machine

USED EQUIPMENT
JD 210, 14' Disc
IH 800 6R planter
Kuhn 200 Mower Conditioner
NI 353 Spreader
IH 440 Baler w/Thrower
NH 488 Haybine
IH 510 Drill 18x7

BIGGS INCORPORATED
190 Biggs Hwy.
Rising Sun, MD
410-658-5531

NH 1037 Automatic bale wagon, 105 bale capacity, used 4 seasons, shed kept, excellent, $15,000 215/294-9686

NH 1495 Haybine, Gas $6200 (717) 423-6188

NH 269 Square Baler, good condition 304/876-3247 Call for price

NH 271 Baler, good condition, w/manuals, $1000 410/795-7247 after 6pm

NH 273 Baler, new plunger, $2000 717/532-5871 between 6 00 & 8 00pm

NH 495 haybine, good condition, $2500 215/932-2767

NH 67 baler with thrower, shed kept, good condition, field ready $800 International #10 grain drill, double disc, glass box, hydraulic lift, good condition, $650 Phone 717-566-6668 evenings

NH 718 chopper, 2 heads, excellent, all inside, $4200 804-784-3131

NH 790W grass pickup attachment, used 1 time, will deliver 717/665-4743

NH 880 Pickup attachment JD 10' cultipacker 717/665-4743

NH Manure Spreader, Model #675, 275 Bushel 215-458-5677

NH Super 717 chopper, pickup and corn head, $900 (301)898-7426

NH twin V rake hitch, $500, good condition 804-784-3131

NI 215 manure spreader, PTO, 3 beater, 125 bushel, $600 (301)898-7426

NI 245 Manure Spreader, good condition, $3500 215/932-2767

NI 402 5-bar hay rake, rubber teeth, field ready, $750 (301)898-7426

NI 767 Super Chopper w/ heads, good condition best offer Badger silage box, best offer 215/932-2767

NI Hay crusher with Smucker rolls Good condition $950 100 ft Jamesway barn cleaner chain heavy flat links $30 Lancaster County (717)529-2382

NI Planter, 6R Kinze units dry fertilizer, insecticide and monitor, very low use 410/692 6028 410/692 6351

OLIVER 1550, diesel, utility, power steering, 1 PTO, outlets, good rubber, $3 500 Loader Available 410-833-9091

Oliver 1655D, WFE, O/U shift, excellent condition NO Sunday calls 717-658 5363

Oliver 4R cultivator, $450 Axel duals for MF 2705, $500 (717)867 4896

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Plow JD F125, 4x16, 3pt, $500, Patz barn cleaner slide, 8'long, 18'gutter right hand, $100 Roy Weaner, Gettysburg 717/334-3376

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Watsontown Exit Of I-180
Watsontown, PA
717-538-3557
1-800-553-3370

GRAIN DRILLS

JD 8300 Plain Grain Drill, 24x6	$6,000
JD 452 Drill, 12' 1 yr. old	$5,200
(2) JD 7200 6 Row corn planters, good	
JD 7000 6 Row Liquid corn planter	$7,000
JD 7000 6 Row Dry corn planter	$8,000

TRACTORS

JD 2150, excellent	$11,500
JD 4250, MFWD	$37,500

BALERS

JD 336 Baler w/thrower, good	$3,600

Financing Available 6.9% for 24 Months

COMBINES & SHELLERS
- NI Uni System Sheller, 4 Row
- JD 6600 Sidehill, good
- JD 9600 Maximizer, excellent
- JD 6600 Level Land, good
- JD 4400 w/platform
- Gleaner model M w/heads, good..... $12,500
- (2) JD 215 Flex Platform
- (1) JD 653 Bean Head

Financing Available 6.9% for 48 Months

- (2) New JD 9400 Combines-In Stock
- JD 9500 Sidehill

TILLAGE EQUIP.

JD 630 disc, 23'	$13,500
JD 950 roller harrow, 12'	$2,500
JD 414 rotary hoe	$1,500
JD 2450 plow, 8 btm	$3,500

Badger Brillion

AGCO WHITE · AGCO HESSTON THE PRIME LINE
NEW IDEA · KUBOTA Nothing like it on earth.™

NEW EQUIPMENT SPECIALS
Kuhn FC 300 GDR Disc Conditioner, 10'
Kuhn 7301 24' Folding Rake
Kubota L5450, 4WD, Hyd. Shuttle, 50 HP w/Loader
Kubota B1550 DT
Kubota B1750 DT

NEW HESSTON EQUIPMENT
4570 Baler w/Thrower
4900 Big Square Baler
1340 12' Center Pivot Disc Conditioner
1120 9' Windrower, Stub Guard

NEW NEW IDEA SPREADERS
3622, 220 Bushel 3626, 260 Bushel

USED EQUIPMENT
AC 6080 4WD w/Loader
MF 20 Industrial Tractor Loader
Hesston 4600 Baler w/Thrower
Patz Round Bale Chopper, Like New
1953 Oliver 66, WF
IH 84 Hydro w/2250 Loader
IH 284 Dsl. w/Woods Mower
Bush Hog 2615 15', 1000 RPM Mower
Bush Hog 1315 15' Wing Mower
Kuhn FC 250, 8' Disc Flail Conditioner
Kuhn GMD 77, 9', 3 Pt. Mower
Donahue Windrower Trailer
Goosen Stationary Bale Chopper
(2) NH 479 Haybine
Hesston PT7 Windrower

LAWN & GARDEN
JD 322 Gas, Like New
LGT14H Ford Diesel Tractor
Jacobsen 12 HP, 42" Tractor
Cub Cadet 129, 12 HP Hydro
Steiner 220, 60", 21 HP Mower

STOLTZFUS FARM SERVICE
Cochranville, PA 215-593-2407

The I&J Cultivator

3% OFF ALL CULTIVATORS BOUGHT UP TO 5/1/93

OPTIONS

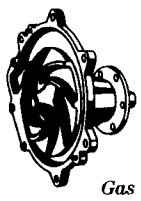
Rolling Shields
—protects small crops and will not plug

Disc Hillers
—great for ridging crops

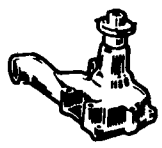
Work-Saving Features of the I & J Cultivator:
- Durable "S" tine shanks
- All units have gauge wheels for independent floating over ridges and furrows.
- Available in 1-2-3-4 row units
- Also great for vegetable crops

I & J Manufacturing
Dept LF
5302 Amish Road • Gap, PA 17527
717-442-9451
(Call between 8:45-9:00 A.M. weekdays, ask for Jake)

Spring Garden Repair



Isaac S. Stoltzfus
145 Spring Garden Road
Kinzers, PA 17535



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TRACTORS

JD 2940, good condition
25 HP Satoh w/loader

Lycoming County
(717) 494-0441

1500 Gallon Heavy Duty Vacuum Spreader
3-6" Ports - Hyd. Unloading Valve, With Big Vacuum Pump, Like New Condition
$4,950 OBO
(814) 793-4199 Blair Co.

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Liquid Manure Pumps
Portable & Stationary

USED TRACTORS

IH 1256	$7,500
IH 906	$7,100
IH 826	$6,000
Ford 3110, 4WD w/Loader	$7,900
AC D19	$3,500
IH 806	$5,800
Deutz 100-06	$5,800
Ford 8N	$2,800
IH 1066 Cab, Air, Heat	$9,900

USED EQUIPMENT

Brillion Packer Seeder	$1,600
16' Cultipacker	$1,100
NH 256 Rake	$1,450
NH 456 Mower	$1,650
JD 400 Rotary Hoe	$1,400
Glencoe Soil Saver, 5 Tooth, Like New	$4,200
NH 630 Baler NEW	$8,400
NH 258 Rake	$1,800
(8) NH 402 Crimpers	$850 to $1,100
Roller Harrows 3,6,8,9,10 & 12 Footer	**$110 Per Ft.**

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IH 484
IH 656
IH B
IH 4586
IH 574
IH 5488

IH 574 w/Loader
Case IH 395 w/Loader
(3) Case 2670
ST PT350
ST 251
ST Panther II

JD 4630
JD 4430
JD 2940 MFD
Ford Dexta
Versatile 256
AC 6140
White 2-155

DISCS

AC 2600, 26'
BH 16'
Case 18'
Case 30'
IH 470 15'
IH 770 Off Set, 26'
IH 470, 18'

IH 496
KR 4926A, 22'6"
KR 4927A, 25'
KR 2440 26'
KR 4907 25'
KR 1966 31'
KR 1927, 25'

JD 235, 18'
JD 210, 15'
JD 310, 16'
JD 630, 16'
JD 14'
Sunflower H3-22

FIELD CULTIVATORS

KR 4129 42' Field Cultivator
(3) KR 3131 Landsman
KR 4100 37' Field Cultivator
KR 3121 Landsman
KR 3122 Landsman
Case 26' Field Cultivator

Glencoe 21' Field Cultivator
IH 4500 Field Cultivator, 27'
IH 25' Field Cultivator
IH 45 Field Cultivator 16'
SF 25' Landsman
WR 24' Field Cultivator

PLOWS

CI 5600 Chisel Plow 11'
CI 800 Plow, 9x18
SF 2330 Chisel Plow
IH 700 Plow 8x16 OL
IH 700 7x16 Plow
IH 55 Chisel Plow
BR 16' Chisel Plow

JD 2350-2450 8x18 Plow
JD 2800 7 Bottom Vari Width
KR 2321 Chisel Plow, 24'
Oliver 568 Plow, 6x18
Taylorway 11 Chisel Plow
White 6x16 Plow

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UM 35' Dbl. Rolling Baskets
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UM 24' Dbl. Double Rear Rolling Baskets
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Tebbins 7 Shank Subsoiler
KR 3613 Land King
DL 14' Packer
DL 34' CF Packer

Lely Rotera 12'
BR 16' CF Packer
BR 14' Cultimulcher
BR 25' Cultimulcher
BR 12' N Cultimulcher
BR TP18 Packer
BR 27' N Packer
BR 28' N Packer

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GP 24' Conventional Drill
GP 30' Drill
CI 5400 No-Till Drill
CI 5300 Drill, 24x6 w/cultiplanter
CI 5100 Drill, 24x6
CI 5100 Drill
John Blue 500 Gal. Sprayer

JD 27 Shredder 15'
JD 8000 Drill, 21x7
(3) JD 8300 Drill, 18x7, 26x6
JD 7100 12R Planter
IH 5100 Drill. 21x7
NH 352 Grinder Mixer

HAY EQUIPMENT

CI 8580 Baler
Hesston 4900 Baler

NH 90 Bale Stacker
MF 560 Round Baler

IH 990 Mower Cond.
Badger Round Baler

COMBINES

(2) Case IH 1680
Case IH 1460
Case IH 1480
Case IH 1640
IH 1440
(2) IH 1460

IH 1480
JD 4400
(3) JD 6620
JD 7720 4WD
JD 7720
JD 8820 Titan II

MF 760
MF 540
NH TR 85
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Kuhn Disc Mower Model 66HD, Rebuilt	$3,100
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Woods B320 20' Batwing	$6,000
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Woods 10' 120 offset, rotary mower, rigid, good condition	$1,000
Woods 10' 121 Rotary Mower	$2,800
International 140 22 HP, w/72" Mid Mower	$3,200
JD 260 6 Disc Mower, new cutter bar	$3,800
JD 2440 w/175 front end ldr., roll bar & canopy	$11,000

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JD 5200, 2WD	$15,995
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JD 5400 chopper, small knives, 1,900 hrs., 3 row corn head & grass head, very sharp, 1 owner
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NI 709 Uni System, 4 WD, excellent condition
NI 709 Uni System, 2WD
Gleaner F2, 4 cyl., turbo
JD 2755
JD 4450, cab & air, power shift, 4WD
JD 2950, cab & air, 4WD, 38" rubber
JD 2950, 4x4
JD 2750
JD 2550, 4x4
JD 4640, 4 post
JD 4430, cab & air, quad range
JD 4240, power shift, 4 post, '82 model
JD 2840, hi-low, 1 owner
JD 1530
JD 4230, 4 post, power shift
JD 4520 w/cab, very sharp
JD 4320, cab & air
JD 4020 power shift, dual hyd.
JD 4020, side console
JD 3020, power shift
JD 3020, side console, hi clearance
Ford 9700, cab & air
Ford 5600
Deutz DX140, cab & air, 4WD
MF 1105, cab & air
Oliver 1955
IH 1566, cab & air
IH 1066, cab & air $9,000
IH 856 w/cab
IH 560 gas
IH 574 utility
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White 2-70, red stripe
White 2-110, 4x4
White 2-155, 4WD
AC 200 w/cab
Cat 930 4x4 loader
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NI 325 corn picker, 8 roll bed
NI 324 wide row picker
Miller 12' offset disc
Brillion 6 Row Cultivator
Brillion 8 Row Cultivator
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Axle mount duals for IH 38"
Roll guard for 2950 ..... $650
Turbo charger for a 4030
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NH 1499 Haybine w/12 Ft. Head

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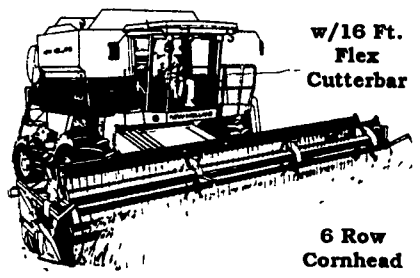

w/16 Ft. Flex Cutterbar

6 Row Cornhead

Down Crops Hard To Cut? New Terrain Tracer Header Makes The Job Easy!!

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Make Tight Bales Fast!

NH 848 Left At Old Price!

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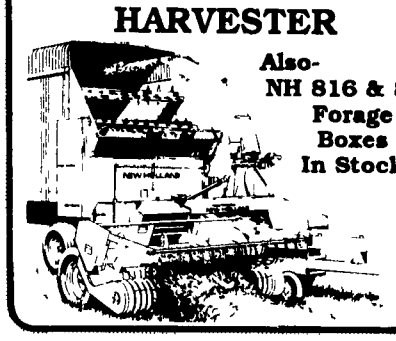

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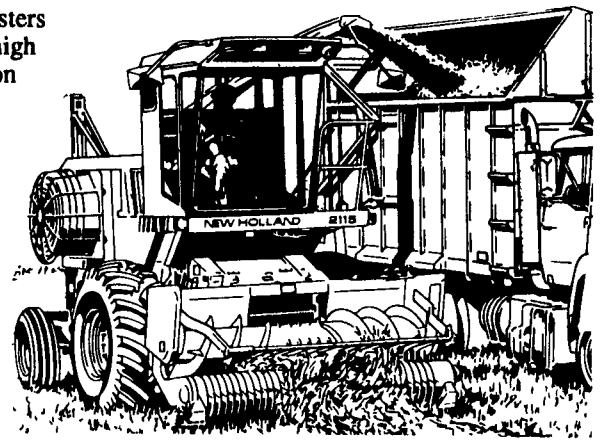
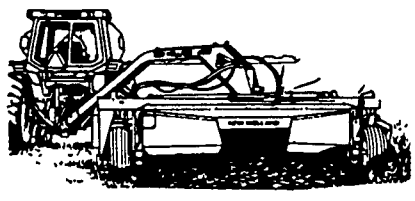


NH 499 MOWER-COND. 12 FT. HYDROSWING



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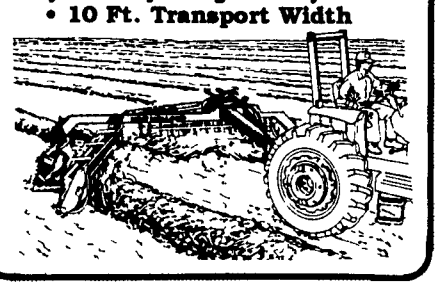

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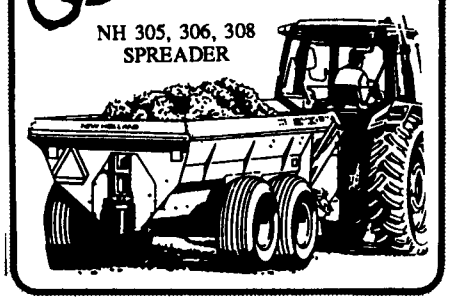

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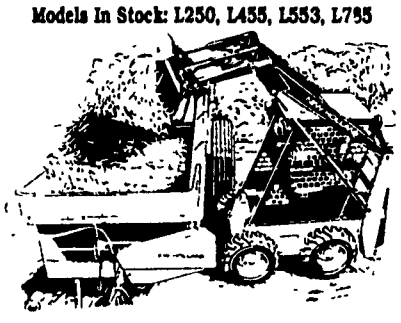
Models In Stock: L250, L455, L553, L785



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JD 4240, SGB, QR Trans., 1982, sharp	$18,500
JD 2940 SGB, 2 hyd. hi/lo, original	$16,600
JD 4040 SGB, QR, Trans, 2 Hyd.	$15,500
JD 4430 SOLD 76, QR trans	$12,900
JD 2940 hi/lo 2 hyd., orig, nice	$11,900
JD 2550 Ind. PTO 38" rubber, nice	$10,700
JD 4320 overhauled & painted	$9,500
JD 1640 SGB, Same as 2350	$9,400
JD 2840, 2 hyd. hi/lo, original	$9,300
JD 2440, 1982 Ind. PTO, nice	$9,200
JD 4020 side console, SR, ovrhld, nice	$9,200
JD 4000, 1972, WF, Good Rubber, Nice	$9,000
JD 4020 side console, WF, original	$8,500
JD 2240 diesel, hi/lo, Ind PTO	$7,900
JD 650 4x4 301 orig. hours	$7,500
JD 4020, PS trans, 1976 WF, fair	$7,000
JD 2240, Ind. PTO, 50 HP, nice	$6,800
JD 3020 diesel WF, nice	$6,700
JD 3020 diesel, WF, SR trans, original	$6,500
JD 2130 hi/lo, Ind. PTO Good rubber	$6,500
JD 830 diesel 1160 org. hrs., 3 cyl.	$6,400
JD 2030 dsl., Ind. PTO, 60 HP	$6,300
JD 125 dsl. skid loader, 2100 hrs.	$6,200
JD 3130, 80 HP, same as 2840	$6,000
JD 2020, dsl, hi/lo, Ind. PTO, nice	$5,800
JD 2120 diesel, hi/lo, 60 HP, nice	$5,500
JD 2010 gas, NF, nice original	$3,000
Wide front ends for JD 4020, brand new	$1,300
TO4 Air Research Turbo For JD 2630	$800
18.4x38 axle duals f/JD 4440	$600
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Complete 38" wheels & tires off JD 4020	$500
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Gas or Diesel - Some As-Is And Some Rebuilt
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R62 Gleaner Combine
w/630 Cornhead & 15' Flexhead

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Brillion Culti-Mulcher 20' Hyd. Fold
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MF 850 Combine w/6-R corn head, 15' grain head
(3) Used AC 6R no-till corn planter

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JD 443 Corn Head ..... $ 4,500
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JD 915 Rigid ..... $ 6,600
JD 918 Rigid ..... $ 7,700

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JD 610 25' Chisel Plow $11,500
JD 2500 6/18 Spring Reset Plow ..... $ 3,500

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JD 1219 Mo/Co ..... $ 3,900
JD 1209 Mo/Co ..... $ 2,900
Grimm Super 8' Tedder ..... $ 1,295
NH 717 w/Heads ..... $ 1,400

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JD 158 Loader

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New Combine In Stock:
JD 9600

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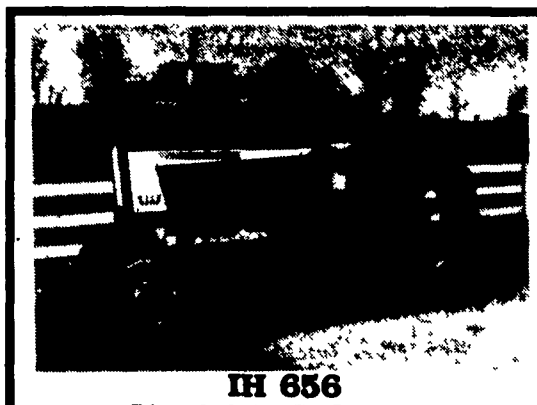

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NH 790 Manure Spreader
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NH 489 Haybine
Ford 532 Baler
NH 310 Baler
NH 30 Forage Blower
NH 770 Pick-Up Head
NH 553 Skid Loader
Butler 28' Pit Pump
NH 472 Haybine w/engine
NH 474 Haybine
NH 144 Windrow Inverter
Grimm 8' Tedder
IH 5 Bar Rake
NI 206 Ground Drive Spreader
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TRACTORS
JD 4030 4 post w/quad, 2 remote, 80 H.P.
Farmall Super C Fast Hitch

TILLAGE
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Glenco 8', 7T Pull Type Chisel Plow
JD 3 Pt. 4x16 Plow
Brillion 11' Cultipacker 4" Axle
White 546 Semi-Mount Auto Reset, 4x16 Plow, Nice
IH 3 Bottom, 3x14, 2 Pt., Semi-Mount Plow w/Gauge Wheel
JD 3x16 3 Pt. Plow
IH 510 4x16 plow, gauge wheel, side hill hitch

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Oliver 16' transport disc, good cond.
NH #70 bale thrower
NH Super 717 harvester w/grass head
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Oliver 3 pt. 2R corn planter
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NH 56 Rake w/Dolly Wheels
IH #5 Flail Chopper
NH 489 haybine, $2,200
NH 256 rake, real good
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40' drop deck 5th wheel trailer, elec. brakes

JD 348 Baler For Parts, Hyd. Tension

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Brillion 10' packer seeder, transport ..... NEW $3,875
JD 310 disc, 14' 9" Spacing $2,900
JD 400 rotary hoe, 15' $1,400
White 253 wing disc, 19' $1,850
JD AW 12' disc, flex $1,200
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IH 720 5x18 SOLD $2,900
Brillion 16' packer, side transport $1,650
Kawanee 13' rock SOLD isc w/wings $1,850
IH 183 cultivator, 6R w/shields $1,550
JD 111 disc, 9' rock flex $1,950
JD 7000 2R 30" No-Till Corn Planter $2,400
JD 310 plow disc, 11" spacing, 21" blades, 14' width $2,400
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IH 720 plow, 4x18, spring reset $2,400
White 588 plow, 4x18, cushion trip $1,450
IH 450 3x16 plow spring reset $1,200
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IH 133 4R cultivator, S-tine rolling shields & disc $1,250
IH 133 4R cultivator, vibra tooth, rolling shields & disc $950
JD 950 cultimulcher, 12' $1,850
JD 7200 Corn Planter, 6R, Liquid Fert., Vac., No-Till Coulters, Nice $9,200
White 588 Plow, 4x18, Nice $2,950
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IH 684 diesel w/Al SOLD ader $5,500
JD 2755 Diesel, MFD Creeper Trans.. $15,500

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NH 276 Baler w/thrower $2,105
Hesston 1150 12' haybine $3,500
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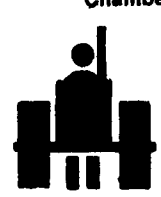

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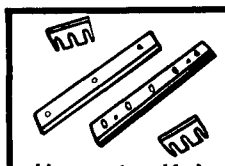

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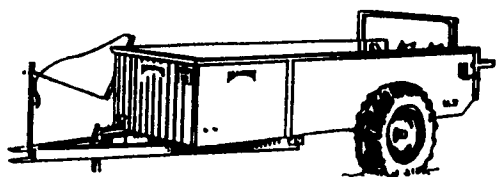

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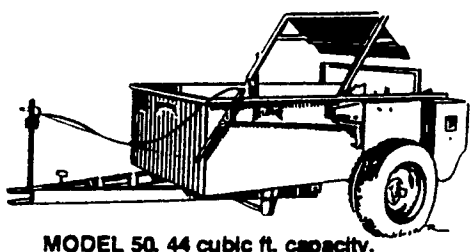

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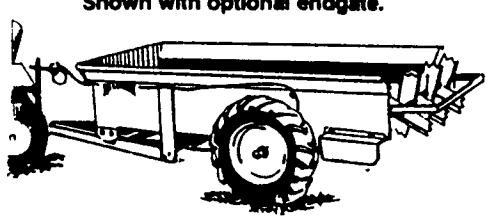

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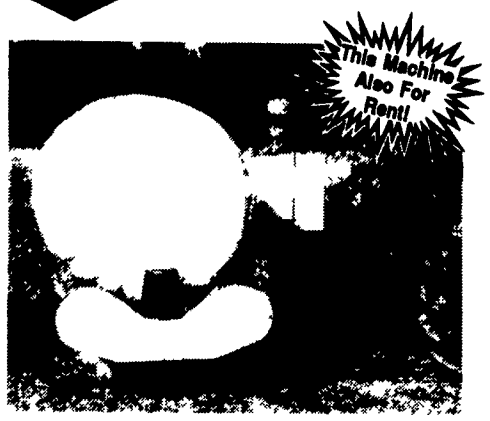

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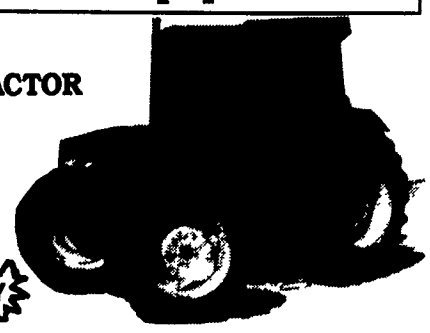

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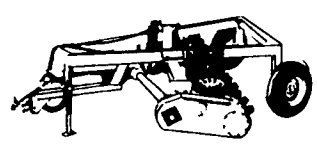

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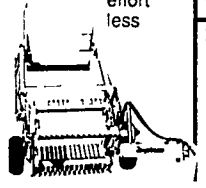

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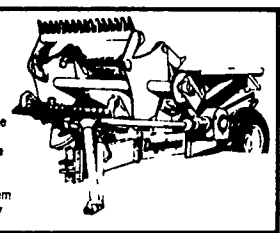

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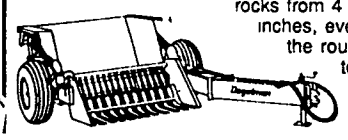

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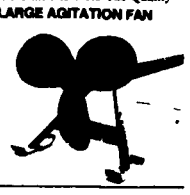

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Mon., Tues., Thurs, Fri. - 7:00 to 8:00
Wed. - 7:00 to 5:00
Sat. - 7:00 to Noon

Why Not Own A Husky Manure Handling Tanker Now?

From Factory To Your Farm Takes Some Time So Make Your Move Now! NOTICE! If You Are Relying On A Custom Hauler To Empty Your Manure Pit And You Don't Have The Time To Wait, You Should Consider A New Husky From Binkley & Hurst With A Tax Deductible Lease With Purchase Option Plan Or Regular Financing Available. Note, We Handle Models For The Small Farmer From 1500 Gallon Up To Large Truck Mount Models.

Don't Wait, Call And Ask For Merv Nissly Now!

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133 Rothsville Station Rd.
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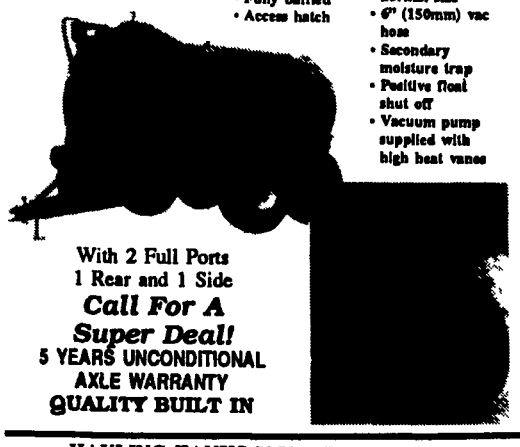
HUSKY VACUUM TANKERS VACUUM LIQUID SPREADER

FEATURES

- 6mm tank with dished ends
- New tanker lined inside against rust with special coating
- Fully baffled
- Access hatch
- Level sight gauge
- 210 CFM vacuum pump, larger than normal size
- 6" (150mm) vac hose
- Secondary moisture trap
- Positive float shut off
- Vacuum pump supplied with high heat vanes

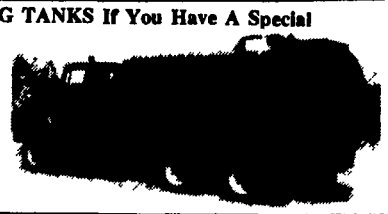


With 2 Full Ports 1 Rear and 1 Side

Call For A Super Deal!

5 YEARS UNCONDITIONAL AXLE WARRANTY
QUALITY BUILT IN

HAULING TANKS If You Have A Special Truck Or Flotation Vehicle, Husky Can Help To Make The Mounting Easy

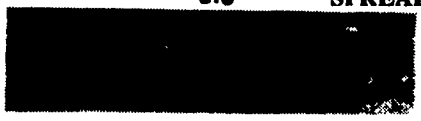


If You Are Building A New Manure Pit, Let Us Help You With The Right Equipment!

QUALITY BUILT HUSKY FARM EQUIPMENT

- SPECIAL LOW COST LEASING PROGRAMS AVAILABLE - If Your Future Plans Call For Manure Handling In Your Operation, You Need To Meet Our Salesmen With Many Years Of Experience!

TOP FILLS HUSKY LIQUID MANURE SPREADERS

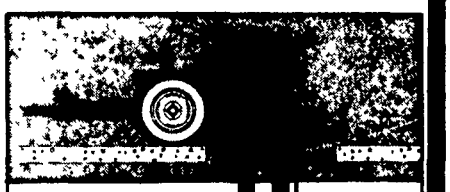


A Size To Suit You!

For Fast Hauling Pick A Spreader Size To Suit Your Tractor. Every HUSKY TANK Is Made From Heavy Gauge Alloy Steel Carefully Lined With A Special Coal Tar Epoxy Liner.

MAKE SURE YOUR EQUIPMENT IS "HUSKY BUILT"

The Name That Describes The Quality!



K31 PUMP

- Manual control levers
- 540 rpm
- Hydraulic controls available

UPPER TEE OPEN SHOWN AGITATING

LOWER TEE SHOWN CLOSED

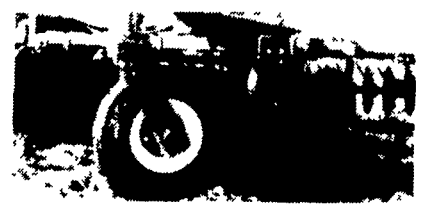
See Us For All Your PARTS & SERVICE NEEDS Related To Vacuum Equipment!

(We Stock Vacuum Pumps)

H5000 PUMP- 23000 LPM (6000 GPM) 20 TONS PER MIN., CAN BE CHANGED FROM "PUMPING" TO "AGITATING" AT FULL SPEED

HUSKY® Liquid Manure Handling Systems

The Secret To A Level Field Is The Sunflower GAUGE WHEELS



A trademark on all FLEXIBLE Sunflower Discs is Front-Mounted Gauge Wheels. This Important Feature Prevents the Front Gangs Of The Wing Frame From Gouging, Buckling or Cutting Deeper Than The Other Gangs, Promoting A Level Ridge Or Furrow-Free Field. The Heavy Duty Gauge Wheel Features A 5-Bolt Hub And 8.00x10 Ply Tire and Tube.

DOUBLE OFFSET DESIGN

Eliminates center ridging while cutting the entire width at an even depth. Self-leveling hitch provides fore & aft leveling at any working depth.

OTHER SUNFLOWER TILLAGE TOOLS AVAILABLE:

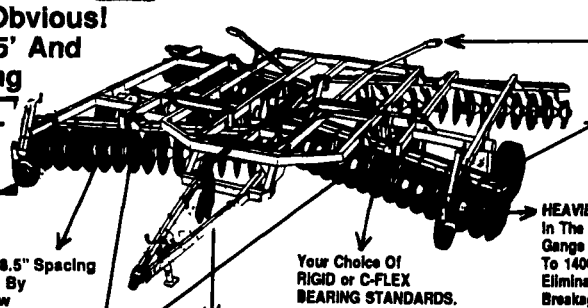
- Coulter Chisels With Optional Deep-Till Shanks
- Flat-Fold Field Cultivators And Land Finishers
- V-Rippers -3 Point & Coulter Rippers - Pull Type

SUNFLOWER® SUPERIORITY — PROVIDES THE QUALITY YOU DEMAND TAKE A LOOK!

WHY BUY A SUNFLOWER DISC HARROW?

The Reasons Are Obvious! Sizes From 10'-15' And 18'-32' Folding

Check Out The Rest - Then Buy The Best! SUNFLOWER



TRANSPORT WIDTH On Wing Units Up To 24'2" Working Width Is A SAFE 12'4" Transport.

3 YEAR WARRANTY On Triple Lip Sealed Trunnion Mounted, Regreasable BEARINGS

WING GAUGE WHEELS Eliminate Gouging

HEAVIEST AXLE SHAFTS In The Industry - 1¼" Dia. Gangs Are Hydraulically Torqued To 1400 Lbs. & Spring-Loaded To Eliminate Loosening, Wear And Breakage.

BLADES: ¼" x22" or ¼" x24" On 8.5" Spacing 3 Sided Blade Prevents Erosion By Eliminating A Continuous Furrow

Your Choice Of RIGID or C-FLEX BEARING STANDARDS.

DOUBLE OFFSET DESIGN Provides Maximum Leveling Without A Middle Buster Or Center Tooth

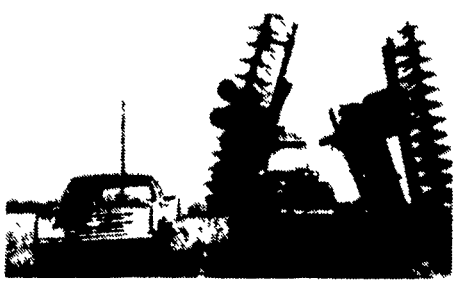
SELF-LEVELING HITCH Maintains Level Setting Regardless Of Desired Depth Or Tillage Application

Sizes Available: 10', 12', 13' And Hydraulic Fold Model 18'-21' And 24'

GET A SUPER TAX DEDUCTIBLE LEASE ON QUALITY SUNFLOWER TILLAGE EQUIPMENT

WHEN IT COMES TO WORKING ON ROCKS...
WHEN IT COMES TO RESALE...
WHEN IT COMES TO WEIGHT...
WHEN IT COMES TO CUSTOMER EXCEPTANCE & REPEAT SALES...
WHEN IT COMES TO LARGE AXLES (1¾" Is Standard On All Models)...
YOUR ANSWER IS SUNFLOWER!
See Binkley & Hurst, Inc. Soon To Buy The Best - SUNFLOWER

TRANSPORT WIDTH



Go from field working to highway transport in seconds Transport width on 18'-21'-24' units are only 12'4" barely the width of your dual wheels, leaving plenty of room for traffic to pass. Transport height is within legal limits.

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Your No. 1 Heavy Duty Tillage Line With Super High Resale Demand Quality Unsurpassed! You Owe One To Your Farm Operation Now!

CALL BINKLEY & HURST FOR A QUICK DELIVERY

BINKLEY & HURST BROS., INC. HAS ALL YOUR HEAVY DUTY TILLAGE NEEDS!

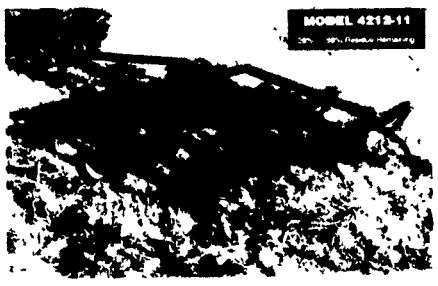
MR. FARMER,
WHETHER YOUR SPRING EQUIPMENT NEEDS INCLUDE

DEEP TILLAGE...

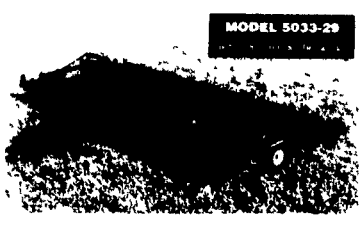
4000 Series Rippers

OR MINIMUM TILLAGE...

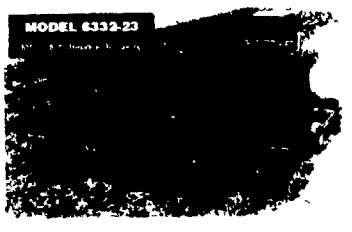
4200 Coulter Chisels



OR SEEDBED PREPARATION



5000 Cultivators



6000 Land Finishers

SUNFLOWER EQUIPMENT WILL EXCEED YOUR EXPECTATIONS!

AS YOU WELL KNOW - THE TWO MAIN CONSIDERATIONS RELATED TO YOUR 1993 CROPLAND ARE:
1. Eliminating Soil Hardpan
2. Maintaining Residue Cover

SUNFLOWER AND BINKLEY & HURST BROS. INC.

YOUR SOURCE FOR SATISFACTION!

SEE BINKLEY & HURST FOR A FINE SELECTION OF NEW TRACTORS, UNILOADERS & MACHINERY PRICED TO SELL...*COME DEAL NOW!*

More power to you.

For power, versatility and reliability, invest in a Case International 7120 MAGNUM™ tractor

It includes the features farmers asked for. Like an efficient turbocharged diesel engine for plenty of pulling power at 150 PTO horsepower. A smooth 18-speed full powershift transmission that lets you match speed to conditions. And a comfortable cab with convenient controls and unsurpassed visibility.

MAGNUM means more...than ever.

All to make you more productive

TRADE UP NOW!

CHECK OUT OUR NEW 5.9% LOW PAYMENT 3 YEAR TAX DEDUCTIBLE LEASE PROGRAM & WAYS TO WORK WITH THE BEST TRACTOR BUILT!

• 7110-130 HP • 7120-150 HP • 7140-195 HP

IN STOCK - SUPER DEALS!

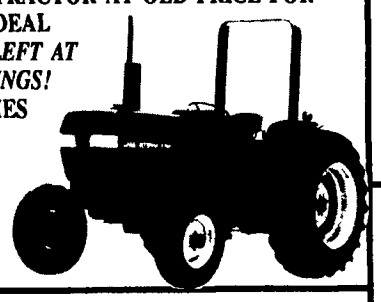
DON'T MISS YOUR OPPORTUNITY TO BUY A NEW CASE IH TRACTOR AT OLD PRICE FOR A BETTER DEAL

ONLY A FEW LEFT AT GREAT SAVINGS!

CASE IH 9 SERIES

Model 595- 52 HP

Model 695- 62 HP



IN STOCK!

SPECIAL OFFER ON 3 MODELS OF IN-LINE CASE IH SQUARE BALERS TODAY !!!

A STRAIGHT LINE IS STILL SHORTEST

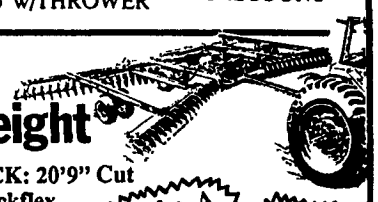
See Binkley & Hurst Now For This Quality Baler!

Narrow Road Width Is The Key To Safety On Case IH Balers

- MODEL 8520 w/THROWER
- MODEL 8530 w/THROWER
- MODEL 8545 w/THROWER

EARLY BUYER DISCOUNT

New Heavyweight

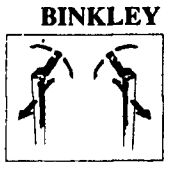


IN STOCK: 20'9" Cut w/Rockflex Bearing Hangers

Make A Deal Now

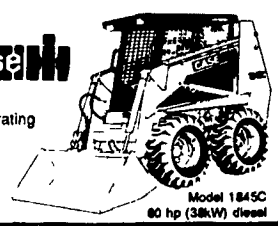
Excellent Financing

BINKLEY & HURST BROS. HAS A UNILOADER FOR YOU! WE ARE YOUR UNILOADER DEALER WITH SERVICE & VOLUME SALES FOR A DEAL!



- New power for more productivity
- Great dump reach at maximum height.
- One-stop Case IH parts and service
- Construction equipment weight and strength
- Two hand levers (no pedals) control direction, speed, all loader functions
- Hydrostatic drive, forward and reverse
- Range of operating loads: 550 to 1700 lbs
- 4WD tractor beats slippery footing

Model 1840 50-hp diesel



Model 1845C 60 hp (38kW) diesel

SEE BINKLEY & HURST SOON FOR BEST MEDIUM-SIZE TRACTOR BUILT!

ALSO... The NEW 5200 Series Are Arriving And Several New 5250-112 HP Models Are In Stock!

Much Of This Machinery Was Purchased Before The Price Increases, So Act Now And We Will Pass The Savings Onto You

We Have A New 5250 All Wheel Drive Cab & Air In Stock Demo. At Reduced Price! Buy The Best, Buy Case IH With Power Shuttle Which Nobody Else Builds.

FOR A FINAL FINISH ONE-TIME-OVER YOU NEED A VIBRA SHANK FIELD CULTIVATOR BY CASE IH!

We Have Larger Discounts For The Purchaser Who Makes A Decision And Takes Action *NOW!*

Sizes In Stock: • 11½ Ft. Pull Type • 9½ Ft. Pull Type

Also In Stock: Heavy Weight Champion Model 4800 Hyd. Wing Fold In Sizes 22.9 Ft. And 25.1 Ft.

For The Best Deal Of The Year Pick Your Size From Our Limited Supply NOW!

Install This New Case Model 125 Backhoe Attachment On Your Case Uniloader And Increase Your Profit Margins. 18" Trenching Bucket And Wing-Type Stabilizers

---

QUALITY NEW CASE IH FARM MACHINERY FROM BINKLEY & HURST AT MONEY SAVING OLD PRICE SPECIALS!

(1) **Model 595 and 695** Tractors Ranging From 52 to 62 HP

(2) **Maxxum 5120 - 5130 - 5140** Tractors

(3) **Maxxum 5220 - 5230 and 5250** Tractors

(4) **Magnum 7110** At 130 HP, **Magnum 7120** at 150 HP, **Magnum 7140** At 195 HP

(5) **Model 8830** Self Propelled Diesel Powered CDC 12 Foot Mower Conditioner

(6) 9 Foot Pull Type **Mower Conditioners** Models 8330 Economy and Model 8340 Deluxe

(7) **600 Forage Blowers** 2nd To None

(8) **8440 Round Baler** At Tremendously Reduced Prices

(9) **8430 Round Balers** 46" w x 51" dia.

(10) **Square Balers,** 8520 and 8530 and 8545 Come And See What Sets Them Apart From Conventional Type Balers

(11) 6 Row 31 Vibra-Tine Row Crop **183 Cultivator**

(12) 3 and 4 Bottom Roll Over 18" Bottom Auto Reset **Moldboard Plows**

(13) 20'9" Cut **Model 3900** C Spring Rock Hanger Wing Fold Disk Harrow

(14) **#14 Subsoiler** 5 Shank Auto Reset To Break Up That Hard Pan For Better Crop Production

(15) Special Special Offer On One Only **184 Minimum Till Cultivator** 4 Row From 36" to 40" Rows

(16) **181 Rotary Hoe** 15 Foot

(17) New **Grinder Mixers** Model 1350 Rated 150 Bu.

(18) 20x6 and 24x6 **Grain Drills** Model 5300

(19) **Vibra Shank Field Cultivators** Sizes In Stock 9½ Foot, 11½ Foot, Model 4800 22'9" and 25 Foot Models

New Case IH Magnum 5140 2WD, Cab, Air, Heater, Power Shift - *SUPER DEAL!*

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Located ½ Mile North of Rothsville

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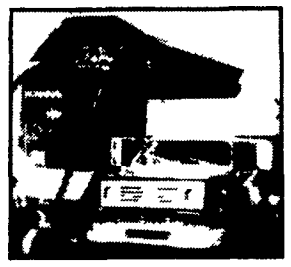
FOR EXPERIENCE TO SUIT YOUR NEEDS SEE BINKLEY & HURST FOR DUMP WAGONS & CONVEYOR BOXES

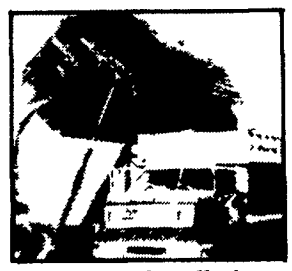
May Replace Up To 3 Forage Boxes In Your Operation -



ORDER NOW!

UP TO 1000 CU. FT.!

Get Ready For Spring!



See Us for All Sizes Available

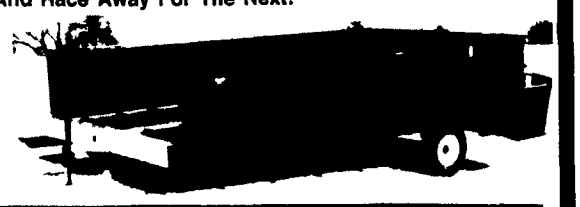
SAVE: • Labor • Time • Equipment

RICHARDTON

When Your Truck Reaches The Blower, Just Back Into Your Load And Race Away For The Next!

LOOK AT THIS ALL NEW STATIONARY CONVEYOR FEEDER BOX!

Super Deals For The Buyer Who Makes A Deal & Takes Delivery Now!



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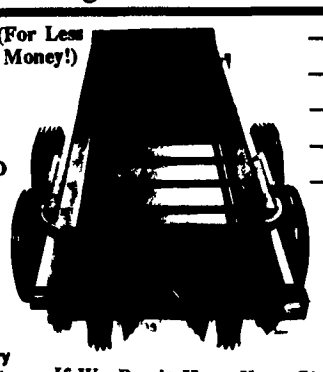
GEHL. The Force Behind Farming — Comes From BINKLEY & HURST

GEHL BOX SPREADERS WORK! (For Less Money!)

GEHL SPREADERS ARE EASY TO LOAD WITH SKID LOADERS BECAUSE THEY ARE LONGER AND NARROWER (Easy To Reach)



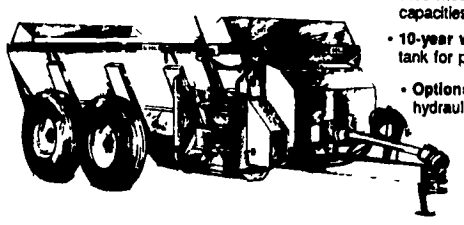
- T-bar apron chains are extra-strong for durability
- Galvanized steel sides are more corrison resistant.
- Single or tandem axle models available
- 10-year warranty on sides and floors.
- Hydraulic apron drive (optional) to match your specific application needs.

3 QUALITY SIZES IN STOCK: 135 - 175 - Tandem Axle 325

— Gehl-tuff flooring is slippery so manure slides out easily.

If We Don't Have Your Size We'll Try & Get It!

North America's #1-Selling V-Tank Spreader



The Gehl Scavenger® II is the "original" V-Tank spreader and still the best. It delivers outstanding performance in all types of manure, from liquid to semi-solid to pen-packed or even frozen manure.

- **Patented square-tube auger** — Hydraulically powers up and down to break up solid material.
- **Varifio discharge** — Spreads smoothly and evenly for complete application control
- **Five models** — From 192 to 596 bushel heaped capacities to match your operation.
- **10-year warranty** — Against rust-through on the tank for peace of mind.
- **Options include** — Truck-mounted units and hydraulic lids.

In Stock

---

(1) **New Gehl 6625 Skid Loader** 60 HP 1 Ton Load Carrying Capacity

(2) **Gehl 3410** Diesel 54" Bucket, 23 HP Skid Loader

(3) New **SL 3825 Diesel** 33 HP Skid Loader, 54" Wide, Nice Low Clearance Of Only 70" Height

(4) MC2170 **Gehl 9'3" Mower Conditioner** With Hydraulic Swing, Old Old Price Savings, 1 Only, 2 Year Warranty

(5) **10 Wheel U Rake** WR420

(6) **Tandem Axle** 325 Box Type Manure Spreader With Hydraulic Endgate And Poly Floor For Freeze Resistance And 10 Year Rust Through Warranty On Sides

(7) DC2360 New Model **Disc Mower Conditioner** 10'4" Cut With Under Body Rock Protection And Wind Velocity Reduction For Light Crop No Skip Cutting Reduced

(8) DC2340 **New Model Disc Mower Conditioner** 9'1" Cutting Width

(9) New Model Demo SB3250 **Square Baler** With Thrower That Really Has Capacity And Does Work And At A Super Demo Price

GEHL

(10) MX125 **Grinder Mixer** 100 Bu., No Scales, Super Price, All Hyd.

(11) Gehl MS135 **Box Spreader** With Endgate and Economy Priced For The Small Farmer

(12) **Gehl MS250 Box Spreader** With Endgate, Priced Right

(13) MX170 **Grinder Mixer** 135 Bu., All Hyd. With Scales

(14) State Of The Art **Gehl Model CB1060 Harvester** With Metal Detector, Tandem Axle For Better Flotation and Less Wear & Tear On Your Chopper, Hyd. Tongue Swing And 7 Foot Hay Pickup And 2 Row Narrow Corn Head

(15) New **Gehl 1540 & 1580 Blowers** In Stock

(16) **Gehl Model 4625 Kubota** Powered 43 HP Skid Loader With 65" Wide Bucket, Brake Force Of 4600 Lbs.

(17) **Gehl** Hyd. Density Controlled Round Balers In Stock 45" Wide x 60" Dia. Hardcore, Model 1470

(18) **Gehl 970 Forage Boxes**

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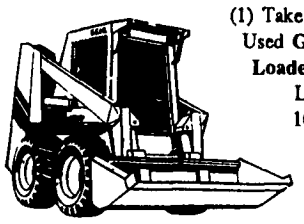
Machinery Sales: M-F 7 to 5 Sat. 7 to 11:30 Sun. Closed - Lord's Day

Best Buys In Used Equipment

Used Skid Loaders And Backhoe Loader Tractors and Industrial Loader Tractors and Crawler Loaders And Excavators and Forklifts



(1) Take Your Pick From Good Used **Gehl 4610 Diesel Skid Loaders:** 44 Perkins, Self-Leveling Loader, 10:00x16.5 Tires, 65" Bucket

(2) UM2192 **Case 24"** Trenching Bucket, Excellent Cond.

(3) UT2796 **1991 Case 1845C,** Only 469 Hrs. With Hyd. Detach Bucket, Quick Coupler, New Rubber, Aux. Hyd.

(4) **Case G530B** Gas Powered Industrial Loader Tractor

(5) UT2807, **1991 Case 1840 Uniloader** 50 HP w/Only 370 Hrs. And Aux. Hyd.

(6) UT2803 **Case 1840** Diesel Uniloader

(7) UT2809 **Case 1835** Diesel Unloader, 2127 Hrs.

(8) UM2224, **73" Case** Dirt Bucket $350

(9) UT2758 **IH Diesel Model 4140** Skid Loader With 72" Bucket, Lights and Block Heater

(10) UT2718 **1984 Case 1835B** Diesel Uniloader 2300 to 2400 Hrs. With All New Hydraulic Drives (Best Offer)

(11) UT2767 **Case 580** Super E Extendahoe Backhoe Loader Tractor All Wheel Drive With Deluxe Cab, Very Nice!

(12) UT2738 **Case 580B** Diesel Industrial Loader Tractor With Power Shuttle And Partial Cab

(13) UT2770 **John Deere** 1985 Model 690 C Track Excavator With Cab, Wide Track Pads, Very Tight Pins and Hoe Bushings, Undercarriage 90% New With Digging Depth, 21 Foot And Dumping Height 15 Foot

(14) UM2180 **Set of 6 Block Tines** For Case - Harlo - Deere Forklifts

(15) **John Deere 450C 1974** Crawler Loader

(16) UM2208 **Model 35 Backhoe** Extendable Attachment To Fit Case 580C

(17) UT2785 **Case 1830 Uniloader** 30 HP Gas Engine Just Rebuilt With 60" Bucket

(18) UT2779 **Case 580E** 4WD With Cab, 4-in-1 Loader And Extendahoe

(19) **Gehl 4400 Hydrostatic Skid Loader** With Backhoe Attachment And Rear Stabilizers

(20) **Pettibone 88 Extendaboom** 8000 Lb. Forklift, Extends Forward 17 Feet, 34' Height, 4 Wheel Drive

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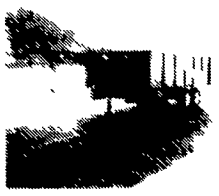

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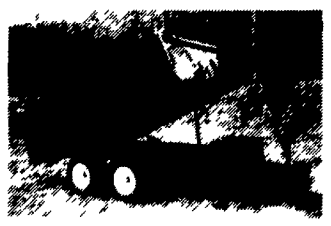

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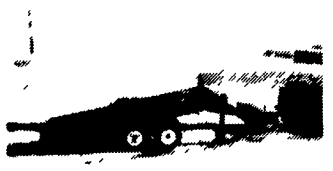

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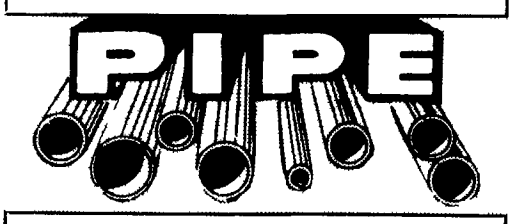

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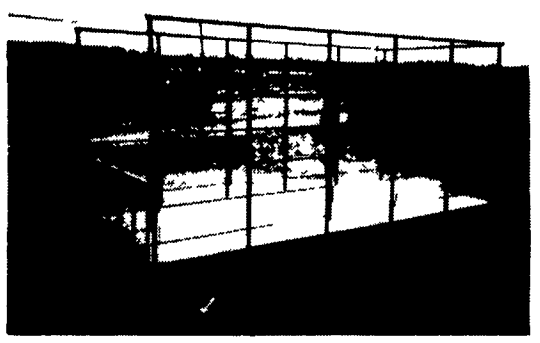

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USED EQUIPMENT

IH 5288 w/cab, MFD, approx. 2,500 hrs., new rubber, both PTO
Case IH 2096, MFD tractor w/cab, 285 hrs., excellent condition
JD 2840 tractor w/cab & 260 loader
AC 250 SOLD transport disc
NH #8 crop carrier w/10 ton Unverferth running gear
IH 510 16x8 grain drill w/grass seed & fertilizer SOLD
~~(2)~~ (1) NH 489 mower conditioners
IH 19' 3 pt. vibra shank harrow
Brillion 16' transport harrow
Westfield 8"x25' utility auger
IH 730 vari width 5 btm. semi mounted plow
Brillion 14' single roll packer w/ transport, excellent condition

COMING IN...
Badger forage box on tandem gear
JD FB177 18x7 grain drill
JD 950 cultimulcher, 12'

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Ford 6600 Series 2, fully equipped
Ford 9N w/Loader Rebuilt & Repainted
Ford 3930 w/300 Hrs.
Ford 3910 4WD w/loader
Ford 501 off set, w/1R cultivator
Ford 4000D, S.U., 8 speed
Ford 445A Loader, 3 Pt., 4WD
Ford 7600 Dual Power
Ford 1220 4WD w/Loader
Ford TW20, 4WD, Cab, Air, Dual Power & Weights
Ford 7610 4WD Dual Power, ROPS, w/Canopy
Ford 2810 Series 2, 8 Spd. w/Loader
Ford 3600, 8 Speed, PS
Ford 8N, Rebuilt And Repainted
JD Cyclone B
JD 3020D, NFE, Repainted
JD 850 w/6' Belly Mower
Farmall 300, NFE, Fast Hitch
Farmall 300, WFE
Farmall Cub w/Mott Mower

USED EQUIPMENT

Ford 2R Corn Planter
Ag-Tech Pre-Seeder
York 8' Rake
Woods Cadet 84 Mower
Grimm Hay Tedder, 3 Pt.

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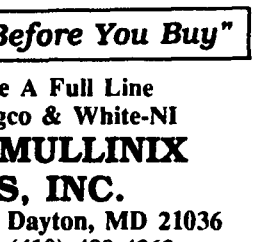

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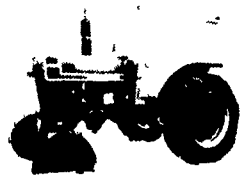

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1) MF 750 complete, but will sell any part
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IH 1066, 1086, 886, 560, 966, 1468, 1566
IH 2424, 460, 706, 806
IH 404 986, 884, 826, 856, 606, 2606
IH 1066, IH 340, 1981 Model 986
IH 815 Combine
JD 6620 Sidehill - MF 750

COLLECTORS

JD 730 diesel, electric start, WF, 3 pt., 2 valves
JD 720 diesel, converted to elec. start, 3 pt. hitch
JD 720 LP gas, sharp
MF 444 row crop, gas WF, good running condition
We have coming in several JD Hi-crops Call for models and serial numbers

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USED TRACTORS

1986 Case IH 2294, cab, air, MFWD, duals, weights, excellent cond.
1983 IH 5088 cab, air, duals, weights, good condition
IH 400 power steering, fast hitch, nice paint, good rubber
IH SMTA gas, power steering, good cond.
IH 1568 cab, air, duals, very nice condition
IH 1066 cab, air, black stripe w/new TA, 18x38 tires, excel. condition SOLD
IH 1256 3 pt., dual PTO, good condition
IH 856 w/Hinicker 1300, cab, WFE, 38" tires, good condition
JD 1050 MFD #75 loader, 900 hrs., excel. condition, $10,200 $9,950
AC 7020 cab, 3 valves, power director transmission, 4000 hrs., $7,500
Complete MFD axle to fit JD 5020
Complete MFD axle to fit 06 & 56 series IH tractors
Hesgey sprayer model 647, w/318 Chrysler engine, 4WD hydro, low usage, weathered $4,500

ENGINES

IH D-282 fits 560, 656, 706
Perkins 640 cu. in. V8, short block or long block
Cummins KTIA (1155), one new block and 4 recon heads
Cummins 290 small cam, needs rebuilt

USED EQUIPMENT

WF 5 Row Splitter 5100 S
JD 6R Cultivators
JB 500 gal. S/S tank sprayer
1982 GMC 7000 truck, 360 gas
1981 GMC top kick 3208 cat
Ford CL45 skid loader w/buckets
21' AC disc, ex. cond.
NI 43' elevator
NH 357 grinder mixer
DA KH 150 Rake 3 Pt.
NH L35 Skid Loader
Woods C114 Mower
10' Perfect mower w/arm
JD 3 point rake
Kuhn Double Rotary Rake
NH 795 manure spreader
NH 791 manure spreader
NH 311 baler w/thrower (exc.)
NH 326 baler
NH 855 Rd. Baler w/Ble Cmd, exc., 2
IH 445 baler w/thrower
NH TR86 Combine w/heads
21' Massey disc
IH 1700 truck
1984 Chevy C-60 truck

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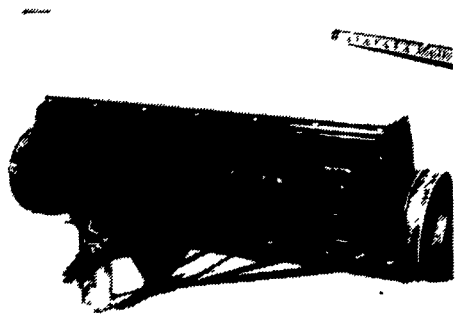
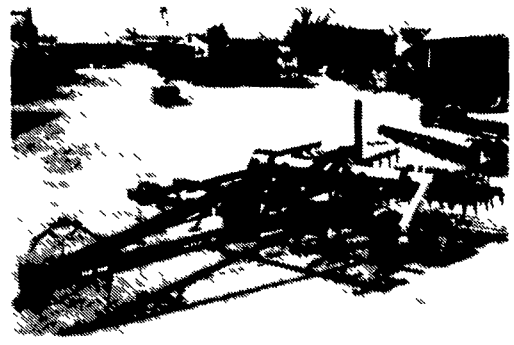


CASE IH - 5300 Drill - 24x6 Plain Soybean Special, Individual Depth/Press Wheels, Double Disc Openers, Grass Seed Attachment - E5977

Price — TOO LOW TO BE FAIR!



KRAUSE 4214 Field Cultivator - 14' K-Tine Teeth w/ Sweeps, 5 Bar Drag Finishing, Walking Tandem Wheels, Cylinder & Hoses - P7279.

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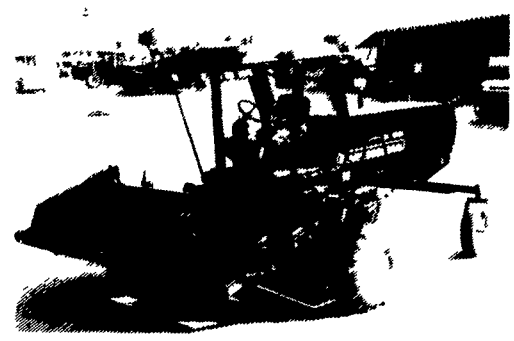

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Case 1370 Diesel, WFE, 2 Hyd. Valves, 1000 PTO, 3 Pt. Hitch, 11.00x16 & 20.8x38, ROPS (W7394)

CIH 7110 MF Tractor, 1990, 3 Hyd. Valves, 540/1000 PTO, 14.9x30 and 18.4Rx42 Tires, Cab w/AC, Heat & Radio, Toolbox (W7342)

CIH 7120, 2WD Tractor, 1989, 1300 Hrs., 4 Spd., Reverse, 14Lx16.1 and 20.8x38 Tires, 12 Wts., Deluxe Cab, Toolbox (W7547)

IH 1466, Dual PTO, 3 Pt. Hitch, 11.00x16 & 20.8x38 w/Duals, Cab w/AC, Heat & Radio, 6 Mo. Warranty On Engine, Clutch, TA & Drive Train, Excluding Travel Time (W6962)

IH 1586 Tractor, 2WD, Dual PTO, 3 Pt. Hitch, 14Lx16 and 20.8x38 Tires w/Duals, Cab w/AC (W7435)

IH 1086, 1977, 2WD, WFE, 11.00x16 & 18.4x38, Cab w/AC, Heat & Radio, Dual PTO (W7309)

JD 4630, 2WD, 2 Hyd. Valves, 1000 PTO, 11.00x116 & 20.8x38 w/Duals Cab With A/C, Heat & Radio (W6934)

80 to 130 HP

IH 866, 2WD, WFE, 3 Pt. Hitch, Dual PTO, 20.8x34 Rear Tires, Cab w/AC, Heat Radio (W7722)

IH 966, 18.4x38 Rear Tires, 540/1000 PTO, 3 Pt. Hitch, 2 Hyd. Valves (W7696)

JD 2940 Tractor, 4WD, Dual PTO, 2 Hyd. Valves, 3 Pt. Hitch, 13.6x24 & 18.4x38 Tires w/260 Loader (W7421)

Under 80 HP

CIH 685, 2WD, 1987, 140 Hrs., ROPS, Deluxe Canopy, Row Crop, Power Shift, 9.5Lx15 & 18.4x30 (W7676)

IH 706 Tractor, Gas, 3 Pt. Hitch, 18.4x38 Rear Tires (W7519)

IH 500C, Diesel, Rops, Rear Wts., Industrial Loader w/65" Deck Bucket (W4885)

IH 240 Farmall Tractor, NFE, 7' Rear Blade (W7555)

IH 656 Farmall, NFE, 3 Pt. Hitch, 6.00x16 & 15.5x38 (W7365)

IH 656, 2WD, Gas, NFE, 540 PTO, Fast Hitch, Front 25%, Rear 25%, 4517 Hrs., 1 Hyd. Valve (W7679)

IH 400 Farmall 1 Rem., 540 PTO, 13.6x38 Rear Tires (W7615)

IH 340 Farmall, Fast Hitch, 540 PTO, Gas, NFE, Rear Rubber 25%, Paint & Sheet Metal Excellent (W7733)

IH Farmall M, Gas, 64 HP, 540 PTO, Belt Pulley, With Cultivators (W7737)

MF 165, Gas, 540 PTO, 3 Pt. WFE, 75% Rubber, 55 HP (W7715)

USED TILLAGE

IH 55 Chisel, 10 Tooth, 10'5" Spacing, C Shank, Spring Trip (T7329)

Tailorway 10 Shank Chisel (T7170)

Brillion 13' Cultimulcher, Duals, Crowfoot Front & Solid Rear, 13'8" (T7644)

IH 315 Cultimulcher, 13'2", C-Shank, 14" Packer Wheels (T7330)

AC 20' Field Cultivator, Folding (T6826)

Wil-Rich Field Cultivator, 30' Swath (T6517)

Brady Chisel Plow, 10' (T6483)

Glenco Soilsaver Chisel Plow, 9 Shank (T7489)

IH 710 Plow, 4-18" Semi-Mounted, Good Condition (T7512)

IH 710 Plow, 6-18", Auto Reset, Semi-Mounted (T6813)

JD 2500 Plow, 7x18" Bottoms, Auto Reset, Coulters (T6320)

JD 2450 Plow, 5/18, Auto-Reset Coulters (T7692)

USED DISCS

IH 510 Disc, 16'10" Spacing, 22" Blades (T7542)

JD 220 Disc, Single-Fold, Flexwing, 18' Cat. 9" Spacing, Blades 20" FR & 21" RR, Scrapers (T6079)

Krause 1577A Disc, 18'9" Spacing Front & Rear, 22" Blades Front & Rear, Rockflex (T7076)

Krause 2440 "Rockflex" Disc, 30' Cut, 9" Ft. 10" Rr Spacing, Scrapers (T6170)

Krause 2416 "Rockflex" Disc 23' Cut Blades Fr. 20", Rr, 22" (T5858)

Krause 4924 Disc, 9½ " Spacing Front and 9½ " Rear, 19¾ " Blades Front and 20¾ " Rear w/Scrapers (T7661)

Krause 1450 Disc 24" Blades, 10'8" Cut (T7719)

Rhino 77 Disc 12' Rockflex, 19½ " Blades (T6806)

USED MISC.

Myers 6' Snow Blade, Rotating (V6942)

FMC 100 Gal. Air Blast, 3 Pt., Like New (V7707)

John Deere #37 Loader w/40" Bucket (W7532)

USED HAY & FORAGE

MF 125 Baler With Engine (U6789)

NH 269 Baler w/Wisconsin Engine (U7138)

NH 273 Baler (U7000)

NI 565 Baler w/Wisconsin Engine, Steel Whls., Engine Overhauled (U7141)

Unverferth RA220 Bale Wrapper, 3 Pt. (U6605)

NH 499 Haybine w/New Rolls (U7310)

Bush Hog 207 Mower, 3 Pt. (U7172)

Woods 120 Mower, Pull Type (U7509)

Woods C114 Mower, 9½ Cut, Belt Drive, 540 PTO, Good Condition (U7529)

Woods 120 Mower, 10' Offset (U6970)

IH #60 Shredder, 6 Row (U7551)

CIH 75 Windrower, 18' Pull Type (U6989)

USED PLANTERS AND DRILLS

Great Plains 15' Drill w/Pull Caddy, Needs Blades in Front, 4" Press Wheels (V6677)

JD 750 Drill, 15', No-Til, 7½ " Spacing, Plateless (V7640)

JD 450 Drill, 1991, 21x7 Conv., D.D. Openers, Markers, Track Removers (V7619)

JD 18x7 Drill, Single Disc (V7602)

Tye Drill, 10' No-Till (V7583)

CIH 900 6 Row Planter, Narrow, Cyclo-Air, New Fertilizer Discs, 4 WD, Auto Alt. Markers, 1000 RPM Pump (V7638)

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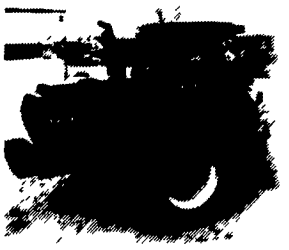
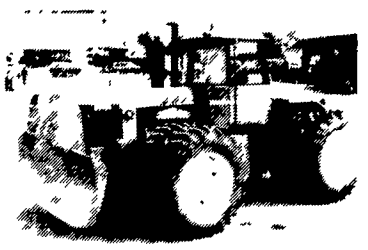
CIH 9130, 4 WD, 1000 Hrs (W7576) **$53,000**



CIH 4894, 1985,1 700 Hrs., 1000 PTO, 3 Pt Hitch 20.8x38 & Duals, Cab w/AC, Heat, Radio (W7617) **$46,900**

IH 4366, 200 HP, 4 WD, No 3 Pt. 10 Speed (W6683) **$16,500**



JD 8650, Dual New 20.8x38, 3 Pt , 1000 PTO, 3 Way JD Blade, Quad Range, 3 Rem., Cab, Air, Heat, 3200 HP, (W7671) **$55,000**

Steiger Bearcat II 210 HP, 3 Hyd. Valves, 24.5x32, Cab w/AC, Heat & Radio (W7632) **$13,500**

BIG TILLAGE - INTERCOURSE, PA

Bush Hog 1560 Chisel, 15 Shank, 19.5' Spring Cushion, 4" Twisted Teeth (T7083)

Chem Farms 17' Chisel Plow, Folding w/ High Clearance Spring Cushion Shanks, Green (T7134)

Krause 4133 Field Cultivator, 37' (T6863)

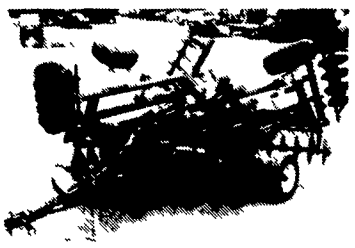
Sunflower 25' Field Finisher, Cushion Shank, Tine Drag, 2 Yr. Old, Disc & Paint Excellent (T6663)

Miller Disc 28' Cut, 9.5" Front & 10.5" Rear Spacing, Rockflex, Scrapers (T6160)

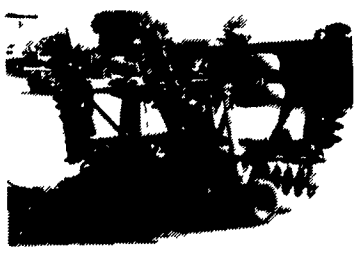
IH 55 Chisel, 27' 10" Spacing Front & Rear, C-Shank, Spring Trip, Walking Tandems, 3" Teeth (T7228)

Krause 4300 Chisel, 22', Heavy Frame, 25 Shanks (T7507)

IH 55 Chisel, 10 Tooth, 10'5", 12" Spacing, C-Shank, Spring Trip (T7329)



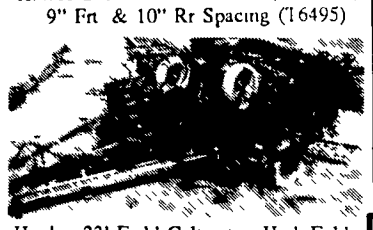
Krause 4921 Disc 18" Blades Front, 19" Rear (T7564)



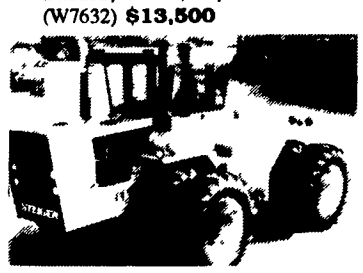
Krause 2416 "Rockflex" Disc, 26', 20" Blades Front, 22" Blades Rear (T6924)

Krause 2416 "Rockflex" Disc, 26' Cut, 24" Blades (T6131)

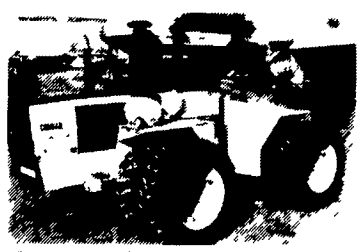
Krause 2416 "Rockflex" Disc, 26' Cut, 9" Frt & 10" Rr Spacing (T6495)



Himiker 23' Field Cultivator, Hyd Fold, 12' Transport, Cusioned C-Shanks, 6" Spacing (7311)

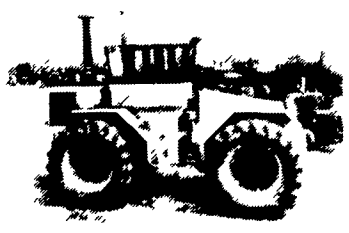


Steiger ST225 Tractor, 4 WD, 4 Hyd Valves, 10 8x34 Tires, Clamp-On Duals, Cab w/AC, Heat & Radio, Warranty, 270 HP, CAT Engine (W7109) **$33,500**

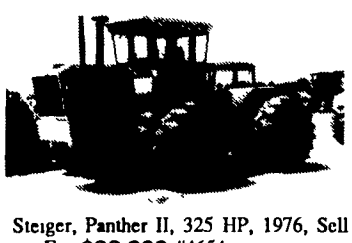


Steiger S1251, Diesel, 20 8x38 And Duals, Cab w/AC, Heat & Radio, Warranty, 280 HP, 855 Cummins (W7227) **$35,000**

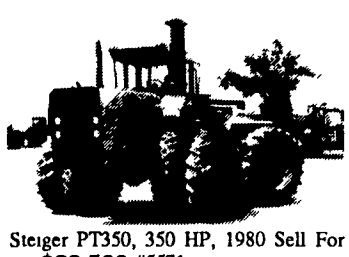
4 WHEEL DRIVE TRACTORS - MIDDLETOWN, DE



Steiger, ST-251 Series III, 280 HP, Sell For **$35,000** #6330



Steiger, Panther II, 325 HP, 1976, Sell For **$23,000** #4654



Steiger PT350, 350 HP, 1980 Sell For **$39,500** #5571

IH 4586, 1978, 20 8x38 Duals, 300 HP Sell For **$18,500** #4505

BIG TILLAGE MIDDLETOWN, DE

DISCS

IH 770 Offset, 26'
KR 4927A, 25'
KR 2440 26'
KR 4907 25'
KR 1966 31'
Sunflower H3 22

FIELD CULTIVATORS

KR 4129 42' Field Cultivators
(3) KR 3131 Landsman
KR 4100 37' Field Cultivators
IH 4500 Field Cultivators, 27'
IH 25' Field Cultivators 16'
WR 24' Field Cultivator

PLOWS

SF 2330 Chisel Plow
JD 2550 - 2450 8x18 Plow
JD 2800 - 7 Bottom Van - Width
KR 2321 Chisel Plow, 24'

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NH 304 Slurry Spreader
NH 495 Haybine
A 6R 30" Head for AC Combine
JD 220 18' Disc Harrow
JD 7000 12R Corn Planter
JD 216 Forage Box
JD 714 Forage Box
JD 714A Forage Box
Hesston PT10 Windrower
Hesston 1160 14' Windrower
White 4X Rollover Plow
White 80 4WD Tractor
White 288 Tractor w/Cab, Sharp!
White 265 Tractor
White 8700 Combine
White 8900 Combines
Ford 118 Plow
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White 5100 6R, Dry Fertilizer (Sharp)
NI 3639 Spreader 390/Bushel

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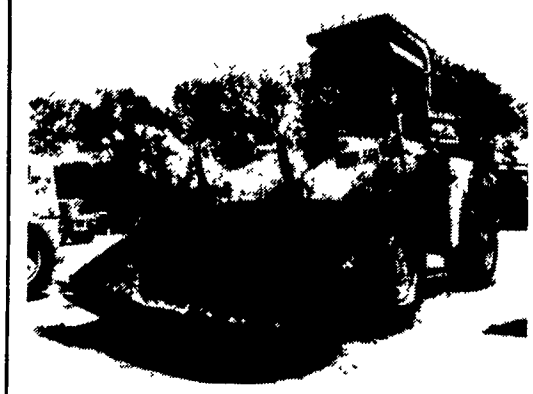
Ford 9N
Ford 8N
Ford 600, 5 Spd.
Ford 800 w/PS
Ford 4000, 1964 Diesel
Ford 4500 Backhoe
Ford 5000
Ford 5000 Row Crop
Ford 5640, 4WD, 12x12 Trans., 25 Hrs.
Ford 5640, 2WD, 12x12 Trans., 28 Hrs.
Ford 5640, 2WD, 8x2 Trans., 10 Hrs.
Ford 6640, 2WD, 16x4 Trans., 12 Hrs.
Ford 6640, 4WD, 12x12 Trans., 43 Hrs.
Ford 7710, 4WD, Cab & Air
Ford 7740, 4WD, 12x12 Trans., 15 Hrs.
Ford 8210, 4WD
Ford TW30, 2WD, Cab & Air
Kubota 8950, 4WD w/3000 Hrs.
Mitsubishi 160, 16 H.P. w/Loader
JD 4430
Farmall M
New 6 Row White Cultivator
NI Spreader
IHC Grain Drill
JD 122 Forage Box
NH 775 Skid Loader w/1,600 Hrs.
Ford 14' Disc, Like New
10' Ford Field Cultivator
Ford 251 17' Offset Disc
Ford 4 Btm. Plow
Ford 3 Btm. Plow
IH 5 Btm. Plow
10' Brillion Culti-mulcher
Grove 14' Forage Wagon
NH 495 Haybine, 12'
NH 499 Swing Tongue Haybine
NH 315 Square Baler, No Kicker
JD 24T Baler w/Kicker
NH 770 Chopper w/Hay Head & 2 Row Corn
NH 770 Chopper & Grass Head
NH 791 Spreader
Case 5 Btm. Plow, 18"
Oliver 5 Btm. Plow, 16"
Tye No-Till Drill, 7'
NH 1499 Haybine, 450 Hrs.

Hours: 8:30-5:00 Mon. Thru Fri.
8:30-12:00 Saturday



Wheel Loader Clark 55B
ROPS, Cab
$7,800
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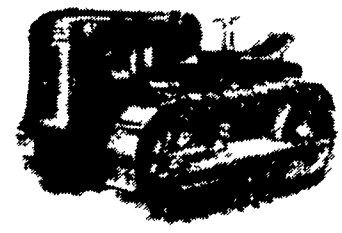
HG, OC-3, OC-4, OC-6 Our Specialty

NEW & USED

OLIVER Cletrac



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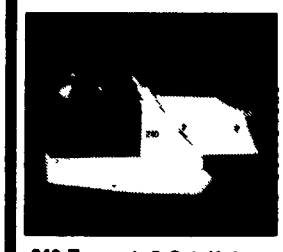
CALL US FOR MEYER SNOW PLOWS

Just In
Int. Dump Truck w/Plow & Spreader
Ford F7000 Dump Truck, Dsl, Air Brakes
Power Boss Sweeper, High Dump
Allis Chalmers ACC 30 Forklift, Solid Tires, 3,000 Lb. Cap., Good Cond.

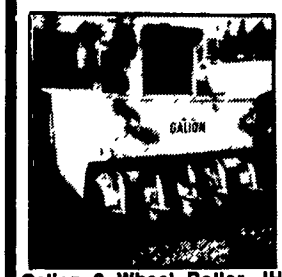


240 Tennant, 2 Cyl. Kohler
$3,500

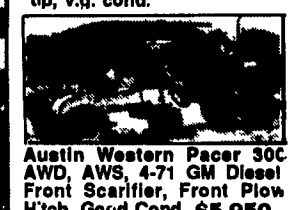
1980 Gradall G-440, Diesel Up & Down, Remote, Excellent Cond.
Gradall G660, gas down, dsl up, v.g. cond.

(2) Gallon 10-14 Ton Tandem, IH Gas, Hydrostatic, Good Cond.
Gallon 10 Ton 3 Whl.

Case 586E, 14' Mast, SS 6000 Lb. Cap, New Rubber, Good Cond. **$17,500**
Case 584D, 21' Mast, SS, 4,000 Lb. Cap, New Rubber, Excellent Cond. **$15,500**

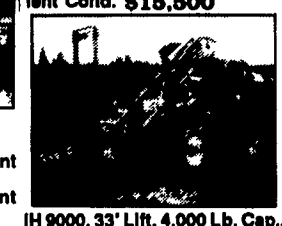


Gallon 9 Wheel Roller, IH Diesel, Reverser Trans, Low Hours, Good Cond. **$6,500**
1989 Mauldin, 4 ton, art, DD drive, vibratory, gas **$6,995**
Gallon 3 whl., 6 ton, gas engine
Gallon 10-12 ton tandem roller gas

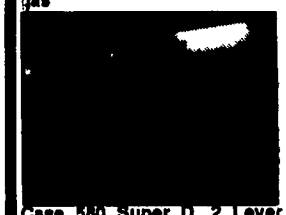


Austin Western Pacer 30C AWD, AWS, 4-71 GM Diesel Front Scarifier, Front Plow H'tch, Good Cond. **$5,950**
Huber F1700 tandem grader, diesel, power shift, **$8,500**

Huber Maintainers
"We Got 'Em"
(1) M-650, Ford Diesel, Front Blade, Wide Tires, ROPS.
(2) M-600, Ford gas, front blade
(1) M-500, Cont. Gas, Front Blade, Wide Tires.



IH 9000, 33' Lift, 4,000 Lb. Cap., Dsl., Powershift, 4WD, 4WS, V.G. Cond.

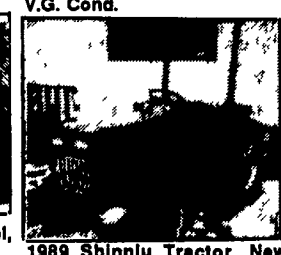


Case 580 Super D, 2 Lever Controls, Turbo, Good Cond.

Forklifts
1987 Gradall 534B-6, 34' 6,000 Lbs., 4WD, $21,500.

Get Ready For Spring!
New Custom Trailers Arriving Now

IH 250 T.L.B., 2900 Hrs., Diesel, Very Good Cond.



1989 Shinnlu Tractor, New Never Sold, 24 HP Diesel, PTO, 3 Pt., Lights, Parts Available

Best Buys in Used Equipment

COMBINES & HEADS

JD 6620 Combine w/16' Grain Head (Excellent Condition)
IH 843 4 Row Corn Head- 30"
White 8600 Combine, w/15' Grain Head, 1978
IH 820 Grain Head, 22½'
IH 820 Grain Head, 16½'

TRACTORS

JD 3255 MFD w/Cab
Case IH 1140, MFD, Hydro w/Loader & Backhoe (Compact Diesel, 27 HP, 85 Hrs.)
Case IH 9170 4WD (Low Hrs., Rental)
Case IH 1120 Compact - MFD Turf Tires (Like New)

MISCELLANEOUS

JD 265 Loader w/7' Bucket
IH 710 Plow, 5x16, w/Buster Bar, Tight
Krause 28' Disc Harrow
White 256 Disc Harrow, 13'10"
Lely Roterra 13'6"
IH 4 Bottom Rollover Plow, 16"
NH L-785 Skid Steer (2)
Bauer Pump Unit w/Deutz F5L413FR-500/600 GPM @ 170 PSI
IH 165 5 Bottom Rollover Plow
Farm-Hand Dump Wagon
Car Trailer

HAY & FORAGE

NH 488 Mower Conditioner - 9 Ft.
NH 276 Square Baler
NH 268 Square Baler w/Thrower
Ford Scraper Blade

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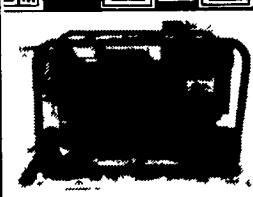

Hot Shot, Gas Powered For 24V Starting Systems Brand New In Crates
$900

13' Boom To Fit 15-30,000 Lb. Lift
$1,750

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MANY OTHER FORKLIFTS IN YARD - CALL FOR SPECS

FORKLIFTS

5,000 Cat Solid Tire LPG, Good Running Cond., Steer Box Leaks..... **$3,000**
4,000 Lb. Clark Solid Tire Old But Very Good Cond. **$1,500**
5000 Lb. A/C Solid Tire, 3 Stage Mast, LPG, Runs Good..... **$3,000**
8,000 Lb. A/C Solid Tire, 3 Stage, Sideshift LPG, Very Good Cond. **$6,000**
3,000 Lb. Raymond Reach Truck, Good Cond. **$3,000**
2,000 Lb. Mitsubishi 87' Solid Tire, LPG, Excellent Cond., Low Hrs. **$4,000**
(3) Electric Pallet Jacks ..... **$500 For All 3**
6,000 Lb. A/C Pneumatic Gas O Time On Eng., Trans. & Acces's Like New..... **$6,500**
5,000 Lb. Clark, Electric w/charger, very good condition **$4,000**
3,000 Lb. Prime Mover Order Picker, Excllent Cond. **$3,500**
3,000 Lb. Yale Straddle Electric, 3 Stage Very Good Cond. **$1,900**
Metal Lathe, Good Condition ..... **$ 500**

HYMAN EQUIPMENT

BALTIMORE, MD.
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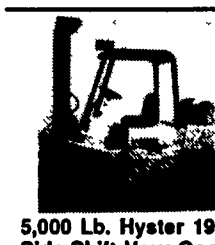
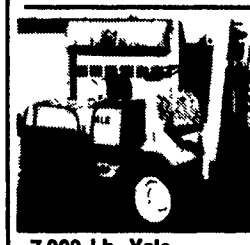
Call Alan Hyman Anytime

4,000 Lb. Baker All Terrain Towable Runs Good Needs Little Work
$2,500

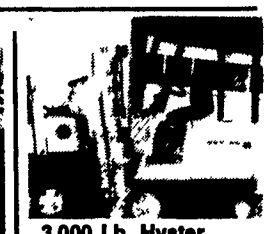


5,000 Lb. Hyster 1984 Side-Shift Very Good Cond. **$6,500**

5,000 Lb. Baker New Gas Engine
$4,500



7,000 Lb. Yale Propane, New Engine
$3,000



3,000 Lb. Hyster Electric 3 Stage, S/S, Fork Positioner, Very Good Cond. **$4,500**

Same Leopard 85
4x4 Cab, A.H.
Good Condition
(717) 966-3821

DISCBINE, HESSTON 1050
Field Ready
$2,800
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LEITER'S HARDWARE and IMPLEMENTS
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For Sale: IHC 1066; 856; 756; 706; 675 WL; 574; M; JD 4020; 2630; 2240; MF 1100; 165; JD 115 Dura Cushion Disc; JD Forage Harvester; Oliver 4 Bottom Reset Plow; IHC 3 Bottom Reset Plow; Danco Bale Wagon; JD 146A Loader; New Gehl Mower Cond.; 2000 IHC Loader.

CAT D5
Ag Application, 90% U.C.,
Field Ready
$7,800
410-833-9091

Combines for Salvage

IH 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 101, 82, 80, 76, 74. JD. 7720, 7700, 6620, 6600, 4420, 4400, 3300, 105, 95, 55, 45, 40 MF 760, 750, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC: Gleaner, AC N5, F, F2, L, M, M2, K, G, E, C, C2, A, 60, 66 Oliver 7600, 545, 535, 525, 430, 40, 35, 33 NI Uni, 710 Combine, NI 717, Huskers, 705, 702, 701, Combine shellers & harvesters. Case: 1160, 960, 700, 660, 600 NH 1400, 975, 985, TR70 MM 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers; JD 7720, Motors, transmissions, tires, corn & grain heads, grain savers, 1984 JD 6620 side hill w/heavy steering axle.

Parts For IH 1440, 1460 Rotarys & NI 717 Combine **NI 802 w/Harvester** **JD 6600 & 6620 Side Hills**

Financing or Lease Available

BALERS & RAKES
JD 410 Round Baler, 4x5 Bale
NH 273 w/Thrower
NH 269 w/Thrower
NH 273 w/Thrower
Ford 542 w/Chute
NH 273 w/Chute
IH 430 w/Thrower, $1675, Nice
JD 336 w/Kicker
JD 640 Rake
NH 56 Rake
MF 1560 Belt Round Baler
NH 851 Round Baler
Gehl 1500 Belt Round Baler
IH 241 belt round baler
JD 24T, w/Chute, Nice
NH 852 round baler auto wrap

COMBINES
AC A2 w/Grain 2R & 3R, 30"
NI 838 Husking Unit w/841 Feeder Housing, Exc
JD 7700 Hydro Diesel
Late JD 6600 Hydro 404 Diesel
IH 205 cab w/heads
MF 750 Hydro Diesel
AC F2 Gear Diesel
Late MF 550 Hydro Diesel, 4x4
AC F Diesel w/Heads
IH 1440 Rotary w/Heads
IH 1460 Rotary w/Heads
1977 MF 510, Hydro Diesel
1975 6600 Side Hill, Diesel
1981 AC, N5 Rotary Combine
JD 7720 hydro diesel, 1800 hrs
NH TR 85, hydro, Cat diesel
Late IH 915 hydro diesel, turbo
ACK w/cab And Heads
ACA w/grain, 2R 30" or 3R 30"
NH TR70 Cat diesel, hydro
NI 717 combine & grain head
AC F2 diesel turbo, hydro
AC F2 diesel, gear drive
JD 6620 diesel,hydro, $15,000
AC A2 w/grain & 2R & 3R 30"
AC E w/grain & 2R or 3R 30"
Oliver White 7600, gas, hydro
NI 702 uni, gas, cab w/710 combine, husker & 2R head
JD 7700 dsl gear drive w/heads
JD 6620 hydro, diesel, level land
1979 JD 4400 3000 hrs, nice
JD 4400 diesel w/heads
1979 JD 4400 diesel
JD 55 sq back w/grain head & 30" 3R corn
AC F-2 diesel w/heads
1976 AC F diesel And Heads
1976 AC F D w/choice of heads
AC F diesel, new motor w/heads
1979 MF 550 hydro D
MF 510 diesel, hydro w/heads
MF 760 diesel, turbo, hydro
MF 35 SP w/8' grain & 2R corn
(2) IH 82 pull type auger feed
IH 93 w/10' head, nice
Late IH 715 w/German diesel
IH 815 hydro diesel late low pro
IH 715 hydro diesel
NH TR70 Ford diesel

Choice Of Heads

MOWERS/ ROTARY MOWERS
IH 50 Flail Stalk Cutter, 6R, $1500
JD 6R Rotary Hoe
Ford 3 Pt. Mower
IH 40, 6R Stalk Cutter, $1500
IH 1300, 3 pt, $950
IH Fast Hitch 7' Mower
AC trailer type belt drive
(2) JD 6' pull type
JD 7' trailer, offset wheels
3 pt. 6, 7 & 8'
JD 10' 1408, 3 pt
JD 15' #737 rotary mower
Also pull types
Rotary mower
Ford 7' 3PT
IH 3PT belt drive
NEW 11' rotary mowers HD up to 125 HP

MISC.
IH 1300 3 pt mower, $950
NH 24' Elevator w/Motor, Nice
NI 36' bale & grain elevator
(3) IH semi & trailer belt drive
IH fast hitch mower
JD elevator w/drag elevator
(2) 24' elevators
New Case backhoe loader bucket
IH & JD mowers
20' grain or feed elevator, $250

NEW 3 PT. EQUIPMENT
Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert Spreaders
Cement Mixers

NEW FARMCO ITEMS
Bale wagons, 20' cattle feeder w/wheels
Cattle feeder, w/legs

CORN PLANTERS & DRILLS
(2) JD 1240 Disc Openers
JD 7000 4R 38" Dry Fertilizer
IH 800 Early Riser, 4R 30" w/ Monitor
Oliver 76 Drill w/Fertilizer & Grass Seed, Nice
Deutz Allis 385 6R dry fertilizer w/monitor
AC 333 No-Till w/Monitor, 6R
(3) IH Late 56, 4R 30"
JD 1240, 4R
JD 2R 3 Pt
IH 2R 3 Pt.
(2) IH 2R, Pull Type
IH 400 Air, 4R
JD 7000 4R 30" Insecticide & monitor, $7,500- Nice
SOLD
JD 7000 4R, 30" dry fertilizer, $3,850
(2) JD 8250 w/grass seed, fertilizer, hooks together, tandem hitch, like new
IH 5100 DD w/grass seed & press wheels, nice
Ontario single disc
JD FBB w/grass & fertilizer

LOADERS
IH 2000 w/Front Pump, $1750
New Case IH 2255, Never Mounted
AC D15-D17
Snow blades for loader or front mounted
IH fits Super M
IH w/2 hydr buckets off MF 65
JD dozer blade like new fits 4020 to 4840 & other tractors
JD 45 for 2 cyl tractor, real nice
JD 45 loader
NI w/hyd bucket
MF 65 ldr

GOOD RUNNING MOTORS
Tractors JD 4440, 4240, 4320, 4020, 4010, 2840, 2510, 2010, 2020, 1010 IH 1066, 966, 856, 806, 756, 706, 656, 560, 460, 400, 450, 584, 574, 664, 544, 504, 340, 300, C, H, M AC D15, D17, D19, WD, WC, XT 190, 210, 220, CA, C Case 530, 300 Ford 8N, NAA, 800, 871, 3000, 4000, 5000
Combines JD 7720, 7700, 6620, 6600, 4420, 4400, 3300 IH 1460, 1440, 915, 815, 715, 615, 315, 205, 203 AC L, M2, F, C2, G, E MF 760, 750, 510, 410, 300 NI V6 gas & diesel

(2) IH 6 cyl. gas w/clutch
Chrysler Ind 8 cyl w/clutch
6 cyl Hercules w/clutch

GRINDER/MIXER
NH 353 w/Extended Auger, Ex
NH 357 w/Extended Auger, Nice
NH 354 w/extended auger, nice $3850
NH 352 $1650
NH 358 long extension auger
IH 1150 $1875

HAYBINES
MC Rotary Scythe
MF Flail Mower
(2) IH 1190, 9' Nice
IH 1190 7' New Paint
NH 1495 12' Gas, Cab, A1
NH 495 12' Pull Type, Nice
Hesston 1010 Hydro Swing
IH 225 Gas 10' Cab, $2,500
(2) IH 990 9'
JD 480 9'
NH 479 9'
NH 477 7'
JD 1209, 9'

SPREADERS
NH 668 tandem wheel tank, right hand
IH 560 w/2 beater
NH tank spreader
NI tandem
NI single beater
NH 667 tank rt hand throw

60 PLOWS
IH 5 Bottom 16" Spring Reset
AC 4 Bottom 16" Mounted Frame
White 3 Bottom 16", Semi-Mount
IH 700 4 Bottom 16" Reset
White 588 5 Bottom 18" Trip, $1,650
White 588 5 Bottom 18" Trip, Real Nice, $2,350
MF 12T trailer type, chisel plow
White 10T trailer chisel
IH 700 4 bottom, 16" trip, nice
2 & 3 bottom 3 pt plows
JD 3 pt 4 bottom 18" or 3 bottom 18" roll over
(3) JD 1450 5 bottom 16"
(2) JD 1450 5 bottom 18"
JD 1450 6 bottom 16"
(2) IH 540 4 bottom 16"
(2) IH 550 5 bottom 16"
(2) IH 720 6 bottom 18" spring reset
(2) IH 710 5 bottom 16" spring reset
(2) JD 2500 5 bottom 18" spring reset
JD 2500 6 bottom 18" spring reset
IH 720 6 bottom 18" toggle trip
(2) IH 4 bottom 16" trip
(2) JD 4 bottom 16" trip
Lots of other makes & models

HARVESTERS & UNLOADING WAGONS
NH 892 w/2R And Pickup
(3) IH 6 Flail Chopper
IH #10 Flail Chopper
NH 33 5' Flail Chopper
(2) bin corn wagons, $600, $800
Fox 2300 & 2R cord belt type
IH 781 w/2R & pickup
Gehl 300 w/1R & pickup
NH 717 2R 30" cornhead #742
(2) Badger 3 beater tandem wheels, unloading wagon w/ roof
Gehl 3R harvester head, $750
Gehl CB800 w/2R 30" corn
(3) IH 720 w/2R corn & pickup
Papec w/2R corn & 2R snapper
JD 15A 5'
(2) JD 16A Flail Chopper
Gehl 600 w/1R
NH 890 & 880 P/U & corn head
(3) NH 38 6' flail chopper
NH 2R 30" corn head, $500
(2) JD 38, 2R, & pickup, $1,500
JD direct cut for 38 - 3800 - 35
JD 2R for 38 - 3800 - 35
IH direct cut for 50 - 555 - 550 - 650
Coby 3 beater unloading wagon w/roof
Badger 3 beater, roof unloading wagon

CULTIVATORS
JD 4R Cultivator
6 or 8 row hyd fold
4 & 6 row

EXTRA CORN HEADS & GRAIN HEADS
200 To Choose From 2, 3, 4, 6 Row Corn Heads All Size Grain Heads, Flex & Ridgid

CORN PICKERS
NI 838 Husking Unit w/841 Feeder Housing, Excellent

Dismantling For Parts:

Balers	
Combines	**Mowers**
Cultivators	**Pickers**
Discs	**Planters**
Drills	**Plows**
Harvesters	**Spreader**
Haybines	**Tractors**

35 DISCS & ROLLER HARROWS
Late Case 18' Wing Disc
JD 340 Offset 12'
JD 950 Roller Harrow, Inside Wheels
JD 12' Roller Harrow
(2) IH 315 Roller Harrows
Brillion 10' Wheel Harrow
Brillion 18' Wing Harrow
McKee 18' hyd fold, field cultivator w/ Buster
Kewanee 18' wing rock flex
JD 230 Rock flex, 22' double hyd fold
White 18' wing disc
Bush Hog 12' offset
JD RBW 12' plowing disc
(2) JD 360 14' offset
Bush Hog 12' offset
JD RBW 12' plowing disc
(2) IH 500 13' & 14'
(2) JD 210 13' disc
Birch 24' double fold disc
White 18' wing disc
Lots of other makes & models
JD 230 22' Hydraulic Fold, New Paint, New Blade

TRACTORS
JD 4020 Diesel, NF
JD 720 Diesel
JD 4230 Diesel Power Shift w/JD Cab, 3300 Hrs, Real Nice
IH 856 Diesel, Turbo, New TA, Real Nice
JD 4230 4 post, cab
JD 4230 Cab & Quad
JD 2010 Gas, Row Crop, WF
JD 3010 Diesel, WF, $5,750
IH 856 Diesel, WF
IH 784, 4x4, New Paint, w/New Case IH 2255 Loader
Farmall Super MTA w/Fast Hitch, Power Steering, New Paint
Case Vac, New Paint
Ford Super Major Diesel Loader & Backhoe, Good Unit
Case 530, Gas 3 Pt
JD 4020 power shift, side console, WF
MF 85 gas, 3 pt
AC D17 diesel, WF
AC 185 diesel
IH 574 diesel, row crop, nice
Farmall Yellow Cub w/belly mower
Farmall 656 diesel, real nice
Farmall 560 gas, NF
Farmall 504 gas, WF
Farmall 400 diesel, PS, real nice
Ford 7000 turbo diesel
JD 2010 diesel nice
JD 4010 diesel, WF
IH 560 diesel, $2950
IH 560 diesel, $3500
IH 806 diesel w/3 pt standard $3850
David Brown 990 diesel, runs nice $2600
IH 560 D extra sharp
IH 340 Crawler Loader w/4-N-1 Bucket
Farmall 706 diesel
Ford 600 Forklift
Oliver 1650 diesel WF
Farmall 656 gas, WF, $3,950
JD 40, 3PT, WF
Cat D4 dozer w/hydra 9' blade & winch
1953 Ford NAA, $2,950
IH 424 gas w/ or w/o loader
Int. 3414 ind diesel w/loader PTO, 3PT
IH 656 diesel, WF
IH 450 G P/S, fast hitch, nice
JD MT
(4) Farmall F20 2 motors stuck
Oliver Super 88 WF
Oliver 88 gas
Oliver Super 66
Oliver 66 gas, nice
Oliver crawler w/roll guard
Ferguson 30, 3PT, $1,950
MF 135 w/power steering
AC HD5 diesel crawler loader, now in use
Oliver OC3 crawler, wide track & PTO
Case 4WD Pay loader, $3,000

WIDE FRONT ENDS & DUAL WHEELS
2 Sets 18x38 Duals, $950
WF Ends IH 460, 560, 706, 806, 856 756, 1256 AC D19 Ford 5000 MM G1000 Oliver 88, 1800 JD 2510 thru 4020, 4020 WF 2 sets of 1834 duals

Tractors for Salvage

IH 3414, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 704, 674, 664, 660, 656, 574, 560, T, 544 Hydro, 544 Gear, 504, 404, 460, 450, 444, B 414, 400, 350, 340, 300, B275, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12. JD: M, 4230, 4020 dsl., 4010, 3020 dsl, 3010, 2510, 2020 dsl, 2010, 730D, 720, 430, 420, 70, 60, 50, A, B AC: 5050, AC 200, 190XT, AC 170, 180, AC 185, D14, D15, D17, D19, WD, WC, CA, C, B MF: 1155, 90, 85, 444, 333, 175, 65, 44, 33, 30, 20 Case 600, 530, 440, 310, 300, DC, SC, VC, VAC Ford. 6000, 5000, 4500, 4100, 4000D, 3400 ind., 960, 861, 860, 800, 800, 641, 600, 8N, 9N. Ford major, 5000 Oliver OC3 Crawler, OC6, 1800, 1600, 880, 770, 550, 88, 77, 70, 66, 60, 55. MM U, MM 5 Star, MM Jet Star 3, MM 335, MMG 1000, R, Z, E3 Coop, David Brown 990 Nufield & 345 Leyland, gas AC HD 5 crawler ldr, 200 Sheppard diesel.

All Combines Sold — Free Parts For One Season If In Our Parts Lot

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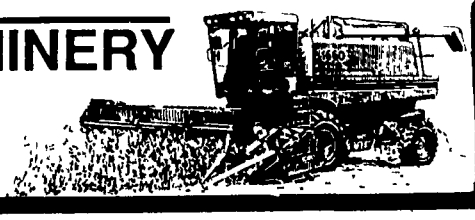

SPECIAL OF THE WEEK

JD 2950, 4x4, Cab/Air,
3443 Hrs., Clean
$21,500.00

IH 5288, 4x4, cab & air	$25,000
IH 1066 w/duals	$8,500
IH 806 standard	$ 3,200
IH 584 w/loader, 4x4	$10,900
IH 574 w/Cab	$ 7,200
IH 244 w/7' mower	$ 4,400
IH Super A w/cultivator	$ 1,900
MF 1130, cab & air	$ 6,500
MF 1105, cab & air	$ 6,000
MF 265, multipower	$ 6,500
JD 4440, power shift, 4 post	$14,900
JD 4230 fender, quad range	$ 8,900
JD 4010, diesel	$ 4,000
JD 2950, 4x4, cab & air	$21,500
JD 2950	$14,000
JD 730 diesel, electric start, wide front	$ 4,500
JD 730, diesel	$ 4,200
Ford 8600	$ 4,200
Ford TO20 w/sickle bar mower	$ 2,400
Deutz 4.70, 4x4, cab & air w/loader	$23,500
Deutz DX160, 4x4, 4 post	$11,800
Deutz DX110, 4x4, cab & air	Coming In
Deutz 7110, cab & air	Coming In
Deutz 4006	$3,200
Deutz 130-06	$ 6,500
Deutz 100-06	$ 6,250
Oliver 44 w/Cultivators	$ 3,000
Case 2290, 4 Post, Power Shift	$ 8,500
Same 160, 4x4, Cab & Air	$14,000
AC 200 w/cab	$ 5,500
MF 880, 6X Auto Reset, On-Land Hitch Plow	$ 1,900
MF 830 12' Offset Disc	$ 3,500
Athens 12' Offset Disc	$ 3,500
JD 111 10' disc	$ 1,500
Krause 14' disc	$ 1,500
Taylorway 7' Soil Saver	$ 3,900
Cultipackers 5' to 14'	$200 to $ 1,200
Oliver 3 Bottom Plow	$ 550
NI 325 12 Roll Picker	$ 3,900
NH 28 silage blower	$ 900
Gehl 1580 Blower	$ 1,400
IH 12' vibra shank	$ 1,000
AC 18' fold-up field cultivator	$ 1,750
4-6-8 Row Folding Danish Tine Cultivators	$ 500-$ 1,500
Ford 10' Field Cultivator	$ 700
Woods 10' Offset Mower	$ 2,500
MF 9113 Flex Head, new	$ 5,200
MF 15' Flex Head	$ 1,900
MF 20' Flex Head	$ 1,900
AO Smith 3500 Gal. Top Fill Spreader w/Plow Down Attach.	$ 4,500
IH 7 Shank Auto Reset V Ripper	$ 4,900
18 4x38 & 20 8x38 duals	$ 1,000

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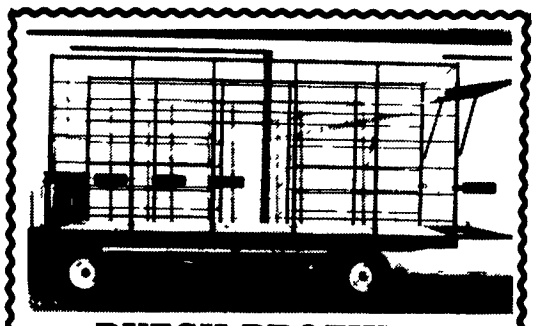

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IH 250 Backhoe, 1700 hours, excellent condition

886 D Cab
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IH 656 gas utility
IH 656 gas hydro
IH 674 diesel
IH 686 ROPS
IH 756D, WFE, 3 pt.
IH 966 fender
IH 966 fender w/roll guard
IH 1466 fender
Ford 9N & Belly mower
JD 2840
JD 4230 w/cab & air
Oliver 1755D, WFE, cab
IH 241 Round Baler
IH 400 air corn planter
Van Dale 3000 gal. liquid manure spreader
IH 340 & Kicker
Gleaner M2 combine
JD 4400 combine
(2) IH 510 drills
JD 170 Skid Loader

WRAPPING AROUND BALES THIS YEAR??
Check Out The New Beaudoin In Line Wrapper!

- SAVE 50% on Wrap 50 Bales/Roll of Film
- Self Contained Hyd. System
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- Same Price as Individual Wrappers
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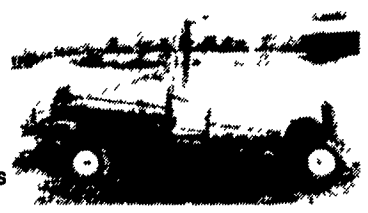

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800-Gallon Sprayer w/45' Hydraulic Fold
800 Gallon w/62' Hydraulic Fold
(8) PS 303 Spreaders
(6) PS 503 Spreaders
(1) PS 803 Spreader
(4) 31 Ft. Auto Stabilizer Booms
(1) 365 Gal. Truck Mt. Sprayer
(1) 500 Gal. Truck Mt. Sprayer

KRONE-NIEMEYER

(5) HR 301 Tedders, 10 Ft.
(1) HR 771 Tedder, 24 Ft.
(2) 7 Ft. Disc Mowers
(1) RW321 Tedder Rake
(3) RS500-D Rakes, 15 Ft.
(2) RS620 Rake
(1) 242 Mower Cond., 3 Pt.
Special Prices On Krone-Niemeyer Items

NEW MASSEY-FERGUSON

(1) MF 231 Tractor
(1) MF 253 Tractor w/Shuttle
(1) MF 390T-4 Tractor
(2) MF 1020 Hydros w/Loaders
(2) MF 1035 Tractors w/Loaders
(2) MF Loaders
(2) MF 3 Pt. Disc Harrows

MISCELLANEOUS

Special - Land Pride 3 Pt. Blades & Finishing Mowers!
(2) Blumhardt 500 Gal. Sprayers
(2) Blumhardt 240 Gal., 3 Pt. w/47½ ' Booms
(2) Blumhardt 160 Gal., 3 Pt. w/31' Booms
(3) Ag Chem 500 Gal. Tank and Frame

Vermeer

(1) Bale Wrapper
(4) 504 IS Silage Balers
(1) 504 I Baler
(1) Vermeer 14 Ft. Drill (Rental)

USED EQUIPMENT

(2) NH 256 Rakes w/Dolly
(1) Vermeer 504 Super F Baler
(1) Vicon 6-Basket Rotary Tedder
(1) Gehl 1465 Round Baler
(1) Case IH 12 Ft. Vibra Shank Harrow
(1) New Idea 5 Ft. Disk Mower

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TRACTORS

JD 4630, 1975 w/Cab & Air, Quad Range, 20.8x38 Duals, Reduced $17,500
JD 4250, MFWD, 1983, 1,475 Hrs.
JD 4020
JD 2550 w/245 Loader, 2,068 Hrs.
*1979 AC 7020 w/Cab

COMBINES

JD 9500, 1991, 4W SOLD 20 Cutter Bar & 643 Corn Head
*JD 9500, 1990, 1,055 Separator Hrs. w/920 Header
JD 9400, 1989, 2W SOLD 5 Flex Cutter Bar
JD 9400, 1992, 2WD w/918 Flex Cutter Bar & 643 Corn Head
JD 8820 Titan II, 1985, 2,850 Hrs.
JD 7700, 1975, 3,500 Hrs.
*JD 7700, 1971, 3,700 Hrs.
JD 6620, 1979 w/2,500 Hrs.
*JD 6600, 1974, 1,884 Hrs.
JD 915 Platform
JD 222 Platform, 1985
JD 216 Platform
JD 843 Corn Head, 1990, Excellent Condition

PLANTERS

* (2) New JD 7200 6 Row Conservation Planters, Left Over From 1992
* (1) New JD 7200 12 Row Flex Fold, Left Over From 1992
JD 7000 6 Row Conservation, Dry Fert. & Insecticide

MISCELLANEOUS

* JD 535 Round Baler, 1991
Case IH 8330 Mower Conditioner
Brillion 13' 8 Pulvimulcher
*Brillion 15' Cultimulcher w/Notched Whls.
JD 10 Pt. Chisel Plow
JD 7200 12R 30" F SOLD Vacuum Planter, Dry Fert., Auger Fill, Insect., Monitor, 2 Yrs. Old
*Degelman 12' Dozer Blade
JD 6000 Hi Cycle Sprayer, 1992, 60' Booms, Like New
Brillion 14' Field Cultivator
*JD 26x7 B Drill w/Grass Seed Attach.
Hardee 10' Rotary Mower

AGCO DEUTZ ALLIS

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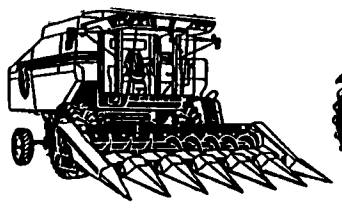

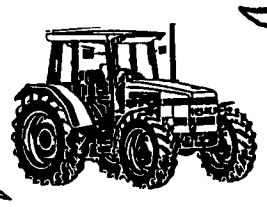

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TRACTORS

Case IH 1394 D, 4WH, Only 1335 Hours w/ Terrain King Boom Mower
IH 884D w/Loader, Excellent!
Ford 5610D w/Cab 4WH 600 Hrs., Like New!
AC 7030 D w/Cab
AC 190XT Series III
AC D19 3 Pt. Hitch
AC D17
AC WD
MF 1150D w/Cab
MF 85, Excellent
JD 1020 w/Loader
JD 60
JD 48 w/loader & 72" bucket
White 1855D
Oliver 550
Case 500
Zetor 6245D w/Leon 690 Loader, Only 1003 Hours

COMBINES

(1978) AC Gleaner M2 D w/Cab Air, 15' Grain & 630 Corn Heads
AC Gleaner E w/Cab, 10' Grain And 238 Corn Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 4400 D Combine w/13' Grain And 438 Corn Head
JD 3300 w/Cab, 12' Grain Head
NI 323 1-Row Picker, Excellent!
AC 630 Corn Head For N Or R Series Combines
JD 334 3-Row Corn Head
(2) JD 235 2-Row Corn Head

MISC.

(2) Weaverline 330 Silage Cart
Gehl Grinder/Mixer
M&W 2000 Bu. Grain Dryer

PLANTING & TILLAGE

MF 11' Disc Harrow, Pull Type
JD 9' Disc Harrow, Pull Type
AC 2000 6-Bottom Plow, On Land
JD 5B Spring Trip Plow
(2) MF 4B 3 Pt. Plow
JD 1000 12' Disc w/Trans. Harrow
AC 600 Air Champ Planter 6-30" Rows
AC 600 Planters, 4-30" & 4-38" Rows
AC 600 Planter, 6-30" Row, Demo
AC 333 Planter, 4-30" Row

MANURE SPREADERS

NH 791, 360 Bu.
NH 518, 217 Bu.
NH 675, 275 Bu.
NI 213, 177 Bu.
NI 218, 260 Bu.
NI 214, 220 Bu.
NH 368 Tank Spreader

FORAGE HARVESTERS

NI 767 Self-Propelled w/702 Power Unit And 238 Corn Head
NH 28 Forage Blower
Gehl 660 Forage Blower
AC 63 Forage Blower
NH 717 Harvester w/Pickup And Cornheads
JD 35 Harvester w/Pickup And Cornheads
(2) Farm Hand Grain Bodies, 135 Bu. w/ Running Gear
NH 717 Super Harvester w/1R Corn Head & Pickup, Excellent
NH #6 Forage Wagon

HAY TOOLS

JD 1209 Haybine
(2) NH 489 Haybine
(2) HESSTON 1014 Hay Conditioner
JD 346 Wire Baler
IH 2400 Round Baler
NH 276 Baler w/Kicker
NH 273 Baler w/Kicker
NH 275 Baler w/Kicker
NH 320 Baler w/Wire Tie
Gehl 5' Disk Mower, 3 Pt.
NH 1010 Automatic Bale Wagon

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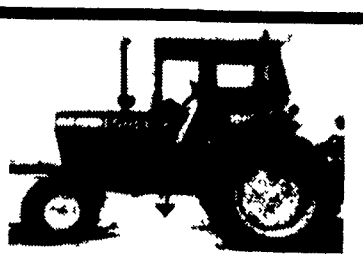

8600 Ford w/Dualpower, 200 Hr., On Overhaul, Hydraulic Pump, Alternator, & Clutch. 540 & 1000 PTO. Field Ready.
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Athens #84 Disk, 15 Ft.
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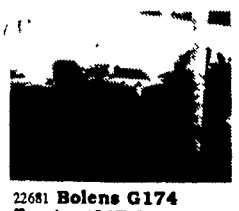
USED EQUIPMENT - Check For New Additions Weekly

22772 **Kubota G5200H Tractor** 14 HP Diesel, Hydro, 44" Mower, Shaft Driven, 810 Hrs
$4,175



22681 **Bolens G174 Tractor** 17 HP Diesel, 4WD, Gear Drive, Cat 1 3 Pt. PTO, Very Nice
$3,980

22920 **Simplicity 6216 Mower** 48", 16 HP
$1,275

22904 **Kubota B-6200 DT Tractor** 15 HP, Turf Tires, Hyd. Blade, Hyd Ang, Good Shape
$5,675

22706 **Mitsubishi R1500 Tractor** 17 HP Dsl, Cat 1 3 Pt, 540 RPM PTO, 892 Hrs, 40" Tlr
$3,575

22966 **Ford 2600 Diesel Tractor**, 32 HP, PS, Rear Wheel Weights, 730 Ford Loader w/5½ Bucket, Good Cond.
$7,995

BLADES:
22819 **Kubota G-2000 Blade** 48", Frt. Mount, M.A., Fits G-200 Series Lgts $185
21854 **Kubota G-2000 Blade**, 48", Front Mount, Fits G-200 Series Tractors $150
22092 **Kubota G-2000 Blade** 48", Front Mount, M.A, Fits G-200 Series LGTS $175
22916 **Kubota G-2000 Snow Blade** 48" Blade, Real Good Condition $185
M0309 **Lehara F-1300 Blade** 6' Front Mt., H.D. Fits Ford 1300, 1500, 1700 & 1900 Tractors $695
21374 **Sauder Hydraulic Front Blade** $275
20997 **Ford 09GN3598 Blade** 48" Frt. Mount, Fits Ford/Gilson Garden Tractors, Good Cond. $175

MOWERS:
23060 **Kubota B-48A Mid-Mower**, 48" Mower w/Front Elec. Clutch, Good Cond. $450
22993 **Kubota RC-60 F-24 Mower** 5' Frt. Cut, Good Cond. $995
22537 **Kubota RC 44-42 Mower** 44" Shaft Driven Mid-Mower For B4200 Tractors, Like New $650
22410 **Kubota RC60-25 Mower** 5' Shaft Driven, Fits L2250-2550-Like New $1,250
22776 **Kubota RC60-72H Mower** 5' Mid-Mt. Finish Cut For Parts $275
22146 **Kubota RC60-82H Mower** 5' Mid-Mower, Fits B-8200 HST Tractors, Never Used $1,500
23062 **Woods RM400 Mower** 4' 3 Pt., Gear Driven, Real Good Cond. $750
22999 **Woods RM59 Mower** 60", 5 Ft. Mower, 3 Pt. Hitch $675
22887 **Woods RM-48-4M Mower** 3 Spindle, 3 Pt. $785
22905 **Woods RM-48-YM Mower** Good Shape $795
22550 **Landpride RC25-84 Cutter** 7', 3 Pt. Hitch, Chain Sheilding, Slip Clutch, Gd Cond. $1,295
15184-15185-15354 **Woods F35 Mower**, 5' Mid-Mount, Fits Ford 1510 Tractor, New $695
22992 **Woods RM-59-2 Mower** 5' Mower, 3 Pt. Finish, Good Cond. $845
15186 **Woods F35 Mower**, 5' Mid-Mount, Fits Ford 1710 Tractor, Brand New (Retail $1,665). $898
22682 **Woods RM59 Mower** 5' Finish Cut, Cat 1 3 Pt., Hitch, Good Cond. $750
22608 **Woods L59-K18 Mower** 5' Mid-Mt. w/Casters, Fits Kubota L185 & 245 Tractors $575

SNOWBLOWERS:
16222 **Kubota B-2510 Snowblower** (38", will Fit B-5100, B-4200) $295
17840 **Kubota G-2500 L&G Snowblower** 38", Will Fit G-Series $575
22423 **Hahn Snowblower** 7HP, 24", S.P., Elec. Start $475
F140/F141 **Ford 09GN3665 Snowblower**, 36", Fits Ford & Gilson Tractors, Brand New $250

TILLERS:
22488 **Ferguson Tiller** Cat 1, 3 Pt. Std. PTO, 42" Cut $695
F860 **Ford 09GN3639 Tiller**, 36", Fits Ford & Gilson Tractors, Brand New $250

TRACTORS:
23125 **Kubota B7200 D.T. Tractor** 17 HP, 91 Hrs, Ag Tires, Draw Bar, W/Big 30 Ldr, Real Gd Shape
23127 **Kubota B-7100 D.T. Tractor** 16 HP, Ag Tires, B-219 Loader w/48" Bucket, Good Cond. $5,995
22938 **Kubota B-7100 HSD Tractor** Hyst., 4 WD, 16 HP, Diesel w/60" Mower $5,275
22973 **Kubota B-7100 DT Tractor**, 4WD, Diesel w/Hyd. Front Blade $4,675
22940 **Kubota B-6200 HSD Tractor** 19 HP, Ag Tires and ROPS, Good Condition $6,995
22904 **Kubota B-6200 DT Tractor** Turf Tires, Kwick Way Frt. Hyd. Blade, Hyd. Ang. $5,675
22790 **Kubota B7100 HSD Tractor** 16 HP D, 4WD, HST, Cat 1 3 P, 540 RPM-PTO-27 Hrs. $6,895
22194 22195 **Kubota L-225 F Tractor** 24 HP, Diesel, Cat 1, 3 Pt. 540 RPM PTO, w/Loader $4,480
23057 **Kubota L-285 Tractor** 2 WD, 30 HP, Remote Valve, 4 Wheel Weights, Good Cond. $4,950
23064 **Kubota B-6100 D.T. Tractor** 14 HP, Ag Tires, B-219 Loader And Bucket $5,775
23059 **Kubota B7100 D.T. Tractor** 16 HP, Ag Tires, Real Nice, Good Shape $4,695
21973 **Kubota B-6000 E Tractor** 12 HP Diesel, Std., 3 Pt. & PTO, w/Woods Mower $2,995
22707 **Kubota B6100HSD Tractor** 14HP Dsl 540RPM PTO, 4WD, HST, 4' Mow, 728Hrs $5,595
22986 **Honda 4518 Lawn Tractor** 18 HP, Hydro Drive, 46" Mid Mower, Like New $3,695
22789 **Honda HT-3813 Lawn Tractor** 13 HP, 38" Mower, 5 Spd., Water Cooled $995
22959 **Ford 8N Tractor**, Good Cond. $3,295
22885 **Ford 8N Tractor** 23 HP $2,875
22823 **Allis Chalmers 917H Tractor** 17 HP, Hydro, 48" Mower w/Power Vac, Nice Cond. $2,995
22101 **Simplicity 6218 L&G Tractor** - 18 HP Twin Cyl., Variable Speed, 48" Mower $1,480
22434 **NAA Ford Tractor** w/Loader 32 HP w/CAT 1 3 Pt. $3,675
22419 **Sears 10XL Tr** SOLD HP, 38" Mower $450
21477 **Wheel Horse Commando 8 L&G Tractor**, 8 HP, 36" Mower, Nice Cond. ~~$975~~ $595
21996 **Ariens Lawn Tractor**, 10 HP, 30" Cut $395
21955 **Snapper Comet Lawn Tractor** Rear Engine Model, 26" Mower w/Bagger $350
21444 **Bolens ST-110 Yard Tractor** 11 HP, 42" Mower, Rear Wheel Wts, Very Nice $1,250
20988 **Gilson Lawn Tractor** 11 HP, 38" Mower, Gear Drive $485
21669 **Simplicity 5212.5 Lawn Tractor**, 12 HP, Hydro, Mower & Vac Unit ~~$2,150~~ $1,795
21885 **Lawn Chief 6-830 Tractor**, 8 HP, 30" Mower $365

VAC UNITS:
21136 **Kubota G-3008 Grass Catcher** To Fit 48" LGT Mower $335
18204 **Kubota G-3008 Vac System L&G** Fits G Series Tractors With 48" Mower $335
22778 **Giant Vac Unit** 5 HP B&S Engine, Pin Hitch, Steel Cover & Dump Cart $695
23061 **Trac Vac 856 Vac and Trailer**, 3 Pt. w/Cart, Good Shape $875

MISCELLANEOUS:
22923 **Kubota Broom F-3219** 60" Broom, Hyd. Angle, 50/50 Poly Steel Bristles $1,450
22111 **Kubota BF-300 G.T. Loader** Quick-Tach, Fits B-8200 Tractors w/60" Bucket $2,150
22786 **Kubota B8705 Ag Tires** 6x12 Frt. w/Rims, Good Condition $115
22787 **Kubota B8753 Ag Tires** 8x16 Rear, w/Rims, Good Condition $200
21407 **Kubota Pr. 8.3x16 Rear Tires** & Wheels $200
22943 **J-Bar, 3 Pt. Grading Box** 6' With 5 Teeth $375
22619 **Grizzly 101 Backhoe** 9' Digging Depth, Cat. 1 3 Pt, 16" Bucket $2,950
20756 **Ford Loader Bucket**, 72", Model 19SM5058, Brand New $550
20683 **Farmer's Factory Bucket**, 54", Manure Tines, Fits Ford 745 Or 545, Brand New $495
22907 **Leinbach** 3 Pt. Carry All w/Box PL-12 ..... $75
23025 **Danuser P.H. 24" Auger** $150
23017 **Brinly CC-1000 Cultivator**, 1 Row, 3 Pt., Real Good Shap $110
23063 **Baldwin Cutter**, 40", 3 Pt. $425
23021 **Danuser P.H. F8 Digger** w/9" Auger $695
23018 **Brinly DD-1000 Disc** 4' Tandem, 3 Pt, Real Good Shape $250
22615 **Pull Behind Disc** 5' Tandem, Adj Pitch $225
22774 **King Disc Harrow** 3 Pt. Hitch, 4' Wide, 4 Sec, 16" Discs, Good Cond $375
21840 **CTI Forks** Model #60, 6000 Lb Capacity, Like New $695
23023 **Dearborn 10-153 Plow**, 2 Bottom $195
20800 **Homemade Row Maker** 3 Pt., Cat. 0 ..... $45
23022 **Stone Rake**, 3 Pt., 7' Rake $395
23058 **Cosmo AC42 Shredder**, 3 Pt. Chipper, Real Good Cond Used Very Little $1,175
M1061 **Danuser H854 Hyd. Box Scraper** 54", Cat 1, 3 Pt., Hyd. Dump w/Cylinder $495
M1022 **Arps M394 Box Scraper** 54" Cat 1 5 Pt., Brand New, Retail $623 ..... $425
22987 **Brillion 6LB64-01 Seeder** 64" Mower Size $695
22725 **Century 50-S Pt. Sprayer** 50 Gal, Cat. 1 3 Pt, PTO Pump, Boom & Hand Gun $695
22729 **Jackson 36H-80 Spreader** 36" Drop-Type, Like New $245
22730 **Cyclone BP-1 Spreader** Spinner Broadcast Type Tow-Behind $25
23027 **Lamco Trailer**, 7000 Tandem Axle, 7000 Lbs. $1,995
22349 **Homemade Trailer**, 56"x116", Tandem Axle, 15" Tires, Tailgate, 12" Sides, Spare Tire $495

1979 Jeep Wagoner 70,000 Original Miles, New Paint, Air, Cruise, AM-FM Cassette, Nice
$3,000 OBO

AC Rough Terrain Forklift Diesel ROPS, 6000 Lb. Capacity, 21' Mast, nice
$5,500

1989 Ford F-350 4x4 Diesel Truck, 7.3 Liter, 4000 Original Miles w/ Custom Mounted GVM 500 Gal. Spray Rig w/40' Booms and Foam Markers, Like New
Only $28,500

JD 310A 1981 Cab, Low Hours, New Rear Tires, Nice
$10,500

1981 Int DT466 w/Turbo, 210 HP, Motor Rebuilt, w/18' STeel Rollback w/Winch, 11 MPG
$13,500

Michigan 110 Self Loading Earth Mover, Detroit Diesel, Power Shift, 23.5-25 Tires, Ready To Work
$7,000

LESTER ZIMMERMAN
Myerstown, PA
(717) 949-3582

J.L. HOLLINGER & SONS INC.
RT. 72N, Manheim, PA.
717-664-2444 717-665-2354 FAX 717-664-2835
NEW & USED Farm & Construction Equip.

Eager Beaver 35 Ton Detachable Lowboy, w/Pony Motor & Wet Line Hookup, Excellent Cond.
$16,500

Case 580E TLB w/Full Cab Standard Hoe 4x4, V-Good Cond.
$21,750

SKID LOADERS
Case 1845C, aux. hyd., very good cond. $12,500
Case 1835B w/backhoe attach, very good cond. $9,500
Case 1835B, very good cond. $7,750
Bobcat 825 Perkins diesel, runs & operates good $5,750
Case 1816 Runs & operates very good $2,750
Gehl 4615 w/1200 hrs. straight edge bucket, aux. hyd., runs & operates ex $7,200

BACKHOES
Case 580K TLB, ROPS canopy, standard hoe, 4-In-1 bucket, runs & operates like new $25,000
IH 2626 TLB, good cond. $5,750
JCB 1550B 4WD, full cab, standard hoe, low hrs., runs & operates excel $19,500
Case 580K TLB, 4WD, Cab, extend-a-hoe, runs & operates very good ..... Call

LOADERS
IH Dresser 515B, 4WD, wheel loader w/full cab, 3rd valve, excel. cond. $22,500
Int. 510 4WD, articulated loader, GP bucket, runs & operates very good $13,500
Ford A64 4WD wheel loader w/full cab, GP bucket, excellent $20,000

FARM TRACTORS
MF 285 w/loader, 3 pt. PTO, very good condition $10,500
AC 5050, 2WD w/Loader, PTO, 3 PT. $5,900

CRAWLERS
IH 100C crawler loader w/GP bucket, good cond. $7,750
Case 310 crawler dozer w/6 way angle blade ..... CALL
IH 125C crawler loader w/ROPS canopy, GP bucket, ex. cond. $13,500
(2) 1983 Cat 931B, crawler loader w/4N1 buckets, like new cond ..... Call

FORKLIFTS
IH 4500 forklift w/14' mast, diesel engine, VG cond. $6,500

Case 1835B Skid Loader w/Backhoe Att. V. Good Cond.
$9,500

JD 544 4WD Art. Wheel Loader w/Full Cab GP Bucket
$13,500

1 FARM EQUIPMENT

J & L hay-saver feeds 20 cattle.

New, improved, round hay-bale feeder feeds large or small hay bales along with square bales. It proves to save hay. This feeder is built of heavy 1¼" pipe and ¼" steel for ring. Available with ¼" steel or treated ¾" plywood floors. This 1,200 lb. feeder is built to last.

Call for more information.

J & L Equipment
St. Thomas, PA
(717) 369-2637

PTO KATOLIGHT AGRI ALTERNATORS
- 25000 Watts
- 35000 Watts
- Power Shaft
- Power Cable
- Trailer

ON-HAND
Reasonable Prices
REBUILT
TECUMSEH 3 HP
Electric
Condensing Units
DIESEL DRIVE
ALTERNATORS
Write or Call
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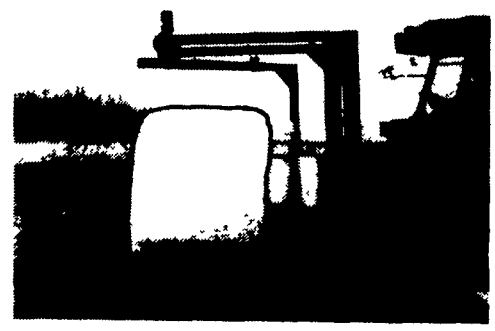
Byler's Diesel Refrig.
HCR 61 Box 32
Belleville, PA 17004

FARMLUND INC.
ROUND BALE WRAPPERS
Christiana, PA 17509



A very simple well built 3 pt. hydraulic machine that will pick up heavy round bales, wrap them and set them where you want all for a price you can afford. A one man operation! Made in PA. Film wrap available.

Howard Cox
(410) 658-6319
(717) 940-4465

FARM EQUIPMENT

JD 1240 plateless corn planter, 6R, dry fertilizer w/insecticide boxes, v.g. condition - $1,200

Pumpkin planter, J.D. 3-row plate type, 6 ft. spacing, dry fertilizer w/ insecticide boxes. Lots of seed plates - $950

White 6-bottom plow, Disc jointers. Spring automatic set depth wheel. Hillside cylinder brakes 18". Excellent condition - $3,950

13'-281 White offset disc (heavy frame), New 24" disc roller bearings and cleaners. Lots of new parts. Ready for field. Excellent condition. $4,200

Single row fresh market sweet corn harvester. F.M.C. model. Ford industrial motor. Good shape. Lots of new extra parts. $2,900

Brilliant 16 ft. spring leveling harrow. New teeth on rubber. Outside wings fold up for transport. $1,800

(410) 592-7671

GRUMELLI'S FARM SERVICE INC.

929 ROBERT FULTON HWY.
QUARRYVILLE, PA. 17566
717-786-7318

AGCO bobcat

1.5 Mile South Of Quarryville On 222
See Salesmen: Tony Grumelli, Clarence Herr, Don Fichtner

Model 9650 147 PTO HP
(109.7 kW)

NEW AGCO ALLIS 9600 POWER SHIFT TRACTOR
133 PTO HP to 190 HP

40 & 50 H.P. TRACTORS IN STOCK AT REDUCED PRICES

USED TRACTORS

IH 806, AC 160
AC SOLD Cab
AC-200 Tractors
AC XT190 Series III
AC 7040
AC 7050 Tractor
AC 180 (Good Cond.)
AC 190XT (Good Cond.)
JD 50
Oliver 66, Good Cond.
20' Used International Disc, Good Cond.
Far Cub w/Plow & Cult., Good Cond.
AC C w/Mower
Case 411B
Deutz Allis 5215, All Wheel Dr., 125 Hrs., Ex. Cond.

WINCO Generator w/Diesel Engine

New & Used Woods Mowers

USED EQUIPMENT

Used NH, Gehl, Bobcat Skid Loader
444 AC Baler

GLEANER COMBINES

M Combine
G Combine w/Corn & Grain Head
F w/Corn & Grain Head
Brillion 8 Ft. Seeders (Only 2 Left)

NEW & USED BOBCAT'S IN STOCK
FINANCING & LEASING AVAILABLE
SHIP PARTS DAILY UPS

Previously Owned

Ford 6610 Cab, Air, With Loader, Clean	Call For Price
Ford 4630 25 Hr. w/Loader, New Warranty	$20,500
Ford 2120 4x4 w/loader, one owner	$16,000
Ford 1310 4x4	$7,900
Ford 6710 4x4 w/cab	$19,500
Case IH 275 4x4	$5,900
IHC 1456 w/cab	$8,900
Farmall 560 Wide front, new tires	$3,800
NH 1880 self-propelled harvester w/12 ft. sickle bar	$19,900
Case 580C tractor loader backhoe, nice	$11,900
NH L-778 skid-steer loader	$11,900
NH L-775 skid-steer loader	$8,900
NH L-35 skid-steer loader	$5,900
NH L-553 skid-steer loader, nice	$10,900
NH L-455 skid-steer loader, nice	$10,900
NH L-445 skid-steer loader, low hrs	$9,500
Bobcat 610 skid-steer loader	$5,500
NH B-124 backhoe att	$3,950
NH 308 side delivery manure spreader	$6,500
NH 307 side delilvery manure spreader	$6,500
NH 519 manure spreader w/top beater & pan	$2,900
NH 518 manure spreader	$1,900
NH 328 manure spreader w/top beater & pan	$3,500
NI 371 Flail type spreader	$1,500

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FORD NEW HOLLAND, INC.
8102 Liberty Road, P.O. Box A
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Norm Shores & Son Tractor

RR 5, Towanda, PA 18848
717-265-9014

Delivery, Financing, Warranty and Leasing

USED TRACTORS

Ford 7700, Blue Power Special, cab & air, dual power, dual remotes, 3000 hours
Ford 7610, factory cab w/heat, dual power, 38" tires, very nice
Ford 6600 diesel, dual remotes, front & rear weights, nice clean tractor
Ford 5000 dsl, 8 speed, 2 remotes, 38" tires & weights
Ford 5000 Dsl., 8 spd., flat deck model w/dual remotes, SOLD good condition
Ford 4000, 4 Cyl., gas, 5 speed, live PTO, PS, remotes, excellent
Ford 801 Dsl., 5 spd., live PTO, PS, weights, remotes, new paint
Ford 9N w/weights, front snow plow, excellent
JD 4440, cab, air, power shift, radial tires, weights all around, triple outlets, quick hitch, absolutely immaculate
JD 4230, 1975, 4 post ROPS, power shift, weights, dual remotes, 38" radial tires, sharp
JD 4230, cab, air, quad range, 2800 hours, extra nice
IH Hydro 70 dsl, WF, 3 pt., 18x38 tires, nice tractor
IH 856, WF, 3 pt., 8 valves, 18x38 tires new TA & clutch, SOLD nice original tractor
IH 986, 1980 Model, cab, air, dual remotes, digital, excellent
White 2-105, factory cab & air, weights, 18x38 tires, real clean tractor
White 2-135, factory cab, air, weights, dual remotes, SOLD low hours, excellent
Oliver 950 w/Oliver dsl. engine, factory hydraulics & PTO
David Brown 1212, power shift, dual remotes, front weights, excellent

USED PLANTERS AND DRILLS

IH 510 16 double disc drill SOLD seed & grass seed, excellent
JD 1240, 4R plateless, disc openers, monitor, must be seen to be appreciated
JD 1240, 4R plateless w/dry fertilizer, good condition
JD 7000, 6R conservation planter, fully equipped, good condition
JD 7000, 4R planter, insecticide boxes and monitor, very nice

USED PLOWS AND CHISELS

Oliver 548 4x16 Spring automatic w/coulters, very nice
White 508 4x18 cushion trip w/spring loaded coulters
White 508, 4x16, spring auto, fully equipped, good condition
White 598, 4 bottom, variable width, auto reset, very good condition
Case IH 720 5 or 6x18 spring auto, excellent
Case 6x18 auto reset w/coulters and gauge wheel excel. (White 588)
Oliver 4340 3x16 trailer plow, excellent original condition
Oliver 548 5x16 auto reset w/curved coulters, side hill hitch gauge wheel, excellent
Glenco 9 tooth soil saver, very good condition
IH 710 5x16 Auto Reset, coulters & gauge wheel, very nice

USED DISCS AND HARROWS

IH 133 4R cultivator w/rolling shields, excellent
McConnell 16' transport spring tooth harrow
Kewanee 12' rock flex finishing disc, very nice
White 253 12' finishing disc w/tandem wheels, very nice
Brillion 12' roller harrow, excellent
JD 310, 14' disc, new 22" blades, t SOLD wheels and cylinders, excellent
Brillion 12' packer w/4" axle, very nice
White 265 11' heavy frame cutting disc w/tandem wheels & 24" blades

USED FORAGE EQUIPMENT

JD 3950, electric controls, hyd. tongue, 2RN corn, excellent
JD 3960, electric controls, hyd. tongue, 7' pickup head, choice of corn heads
Gehl CB700 w/late style dolly wheel pickup head, hydraulic sharpener, manual controls
Gehl 1250, tandem axle, electric controls, 3 RN, 7' pickup, nice condition
Rex 3 beater w/roof tandem axle wagon, steel sides, very nice condition (Lamco)
NH 782, electric controls, 540 PTO, 2 heads, good condition

USED HAY EQUIPMENT

FNH 316 w/hyd. driven thrower, electric controls, like new
NH 320 w/#70 thrower, electric controls, just like new
NH 256 Rake, w/rubber teeth, nice
New quality Diller 9x18 bale throw racks w/choice of 6 or 8 ton gears

USED HARVESTER HEADS

FNH 790 hay head, like new
FNH 900 hay head, like new
NH 3 RN Auger base package w/8' pickup
JD 3 RN corn head w/multi luber, and clutch

LOADERS

Ford 777F, QT, w/brackets for 7700, 7610, 7710 4x4
Ford 772 QT w/brackets for 5000 thru 7610

MISCELLANEOUS

JD 450 hydro push spreader w/hyd. gate
Used 18.4x34 snap-on duals

WENGERS FARM MACHINERY, INC.

Ask For:
Dave Wenger

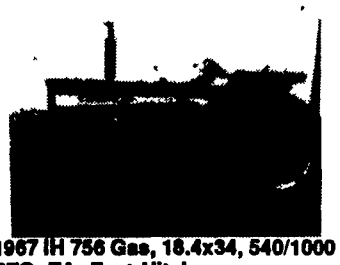
ROUTE 501 - 1 MILE SOUTH OF MYERSTOWN, PA.

717-866-2135

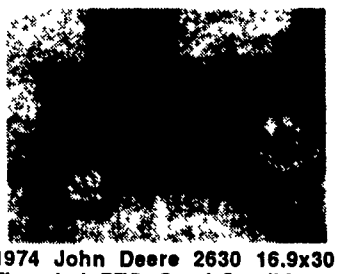
Mailing Address: 251 S. Race St.
Myerstown, PA 17067

HOURS:
MON.-FRI. 7:30-5
SAT. 7:30-NOON

WOODS

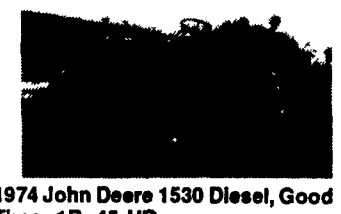


1967 IH 756 Gas, 18.4x34, 540/1000 PTO, TA, Fast Hitch.



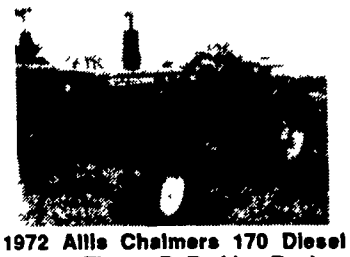
1974 John Deere 2630 16.9x30 Tires, Ind. PTO, Good Condition.

1985 International 385, 35 HP, Diesel, Power Steering, Remote Outlet, 1,150 Hours.

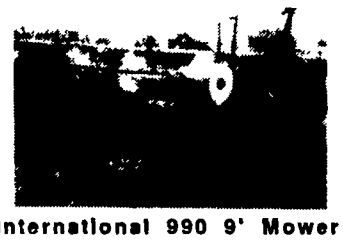


1974 John Deere 1530 Diesel, Good Tires, 1R, 45 HP.

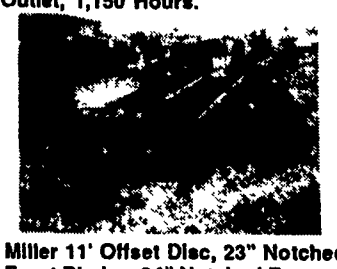
1978 Allis Chalmers 7045 Cab/Air, 20.8x38 Tires, Weights, Good Condition.



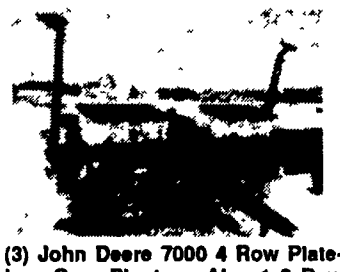
1972 Allis Chalmers 170 Diesel 18.4x28 Tires, 1R, Perkins Engine.



International 990 9' Mower Conditioner.



Miller 11' Offset Disc, 23" Notched Front Blades, 24" Notched Rear, w/ Lift Cylinder Very Nice Disc.



(3) John Deere 7000 4 Row Plateless Corn Planters, Also 1 6 Row JD 7000.

Good Used Spring Loaded Plow Coulters, Will Fit Most Plows.

John Deere 4600 5x18 On-Land Hitch Rollover Plow.

(2) New Holland 451 7' Sickle Bar Mowers.

Hesston 1070 7' Mower Conditioner, Very Good Condition.

1992 Chevrolet 8' Pick Up Truck Body (New), $650, Choice Of Colors.

New Holland 478 7' Haybine, Very Good Condition, One Owner, Complete w/Hydraulic Lift Cylinder. Also A 472 Available.

FARM TRACTORS

1972 IH 766 cab/air, 18.4x34 4720 hours
1972 IH 1066 w/cab, 18.4x38 radials
1974 IH 966 w/red cab, 18.4x34 radials
1968 IH 656 cab, gas, WF, 3 pt., 1R
1985 IH 385 diesel, 1150 hours, 35 hp
1967 IH 756 gas, WF, FH
1964 IH 706 gas, tricycle, 3 pt., cab, 18.4x34
1978 AC 7045 w/cab, 20.8x38
1979 JD 4040 rops, powershift, 18.4x38
1974 JD 2630 16.9x30 rack & pinion
1974 JD 1530 diesel utility, 1R
1976 White 2-70 cab, 4wd, 70 hp, 18.4x34
1986 Ford 3910 w/loader and rollbar
1972 AC 170 diesel, wf, 3 pt., 54 hp
1974 Long 1100 diesel, 18.4x34
1968 IH 656 Hi-Crop, gas, single front wheel, Hydro
19?? Tuff Built, 12 hp, looks like AC 'G'
1967 Oliver 550 gas, PS, w/loader
Ford 600 reverse type forklift
1985 Gehl 4610 skid steer loader

CORN PLANTERS

JD 7000 6x30 plate type planter
(2) JD 7000 4x36 w/dry fertilizer
JD 7000 4x36 w/o fertilizer
Ford 309 2x 3 pt. planter
MF 2x 3 pt. planter
Ford 4x 3 pt. planter

PLOWS

(3) IH 450 3x16 3 pt. auto reset
IH 720 7x18 Auto reset, on land
IH 720 6x18 Auto reset
IH 720 6x16 Auto reset
IH 720 5x20 Auto reset
IH 720 5x18 Auto reset
IH 710 3x16 Auto reset
IH 311 3x fast hitch
IH 420 2x16 3 pt.
Farmall cub and super A, 1X plows
MF 82 4x16 (sharp)
(2) MF 57 4x16 roll-over plows
(2) JD F145 3x14 3 pt.
JD 4600 5X roll-over on-land
JD 4600 4x18 roll-over on-land
JD 4200 4X roll-over
JD F145 3x16 3 pt.
White 508 3x16 Auto reset
Oliver 6x18 Auto reset
Ford 3x14 3 pt. trip back
(4) Ford 2x 3 pt. plows
(3) IMCO 1x 3 pt. plows

POST DRIVERS AND DIGGERS

Shaver HD 8 post pounder
Danuser F8 commercial hole digger
Leinbach 9" & 12" post hole digger
Used Danuser post hole digger

ROTARY MOWERS

(2) New Woods MD 315 15' batwing
New Woods 121 offset orchard 10'
JD, Ford and King Kutter 5' 3 pt.
New King Kutter 4', 5', 6' & 7' mowers
Woods RM 400 estate
Woods RM 500 estate
Woods RM 306 6' estate
Mott flail to fit cub
New Woods S260 3 pt. ditch/bank
Woods 59C belly mower for cub
New Woods L59 for Super A
Bush Hog 3108 9' 2 spindle-nice
Mott 4' 3 pt. flail mower
Woods L306 to fit Ford 8N
Woods MD 60 5' 3 pt. 2 spindle
Mowhawk 6' 3 pt. rotary mower

MISCELLANEOUS

Huskee 200 Gal. 3 Pt. Sprayer
JD 400 grain cart w/12" unloading auger
16.9x34 Duals Snap on and axle
18.4x38 Snap ons
(3) 18.4x34 duals Snap on
(3) Brillion 5'6" seeders
(2) New Idea 324 2RW cornpicker
NI 323 1 row cornpicker
Several plow coulters
Dellinger 10" Hammermill
McCormick 5" Hammermill
New and Used spike harrows
Manure buckets and loader buckets
Automatic 3 pt. forklift attachment
Ford 4 cyl and 6 cyl power units
Farmall Cub side dressers
New Chevrolet 8' pick up truck boxes
New Long Rotary Tillers, 55", 63", 72"
New Maletti Rotary Tillers, 52"
Used chisel plow shanks
Used shank units for IH 45 field cultivators
(7) Gravity Bin Wagons
Used wagon running gears
NI forage wagon on JD gear
H&S forage wagon on tandem gear
(3) 1 Row Potato Diggers
(2) 2 Row Potato Diggers

LOADER ATTACHMENTS

JD 260 loader w/8' bucket, 4020 brackets
IH 2050 w/7' bucket and valve to fit 544
(2) Sauder loaders, 1 w/hyd. bucket
JD loader to fit 1010 or similiar
Ford loader to fit major diesel
JD loader to fit 950 compact
McCormick 34 to fit 340 utility
Snow blades for Farmall Cub and 140
IH 1701 loader to fit 504
JD 45 to fit 2 cyl. tractor

LAWN TRACTORS

IH Cadet 1100 w/sickle mower
Case 222 w/48" & grass catcher
JD 110 w/36" deck
Set steel ramps to load pickup

HAY EQUIPMENT

JD 3970 harvester w/2RW corn
JD 327 Baler w/ejector
NH 269 Baler
#54 Thrower To Fit 273 Baler
NH 851 round baler
Gehl 7200 flail chopper
1992 Ford NH 492 9' haybine
Hesston 1070 7' MO/CO (nice)
NH 478-7' haybine (nice)
NH 472-7' haybine (nice)
IH 990 9' mower conditioner
Pequea 710 hay tedders
Grimm 8' hay tedder
Sitrex 3 pt. 4 wheel rake
(2) NH 451 7' sickle mowers
Ford 515 7' 3 pt. sickle
JD 8 7' sickle
IH 100 7' 3 pt. sickle
McCormick 7' fast hitch sickle
IH 110 side mount sickle
IH 1100 7' pull type sickle mower
NH 259 hay rake
NH 256 hay rake
NH 258 rake
MF 37 Hay Rake
Farmco 18x8 steel hay wagon

CHISEL PLOWS & FIELD CULTIVATORS

(2) IH 45 12' 3 pt. field cultivator
IH 45 12' fast hitch cultivator
(2) IH 45 18' field cultivators
Lorenz 13' field finisher w/rolling baskets
JD 12' 3 pt. field finisher
Brillion 10' pull chisel
MF 11' 3 pt. chisel, can be 7' or 9'
Glencoe 12' pull chisel
JD 16' wing fold pull chisel
Case 9' 3 pt. chisel, can be 7'
JD 1600 10' 3 pt. chisel
(2) IH 55 7' or 9' pull type chisel
JD 740 14' spring tooth harrow
8' drag spring tooth harrow

CABS

MF 1105 thru 1155
Case 2090 cab (white)
Case 2096 cab (red)
IH 884 roll bar w/roof
JD 2020 rollbar
(2) JD 4020 roll bar w/roof
Kubota roll bar
JD 4520 or 4620 roll bar
IH 464 roll bar
MF 1105 roll bar w/roof

MANURE SPREADERS

MF 160 PTO spreader
JD LM ground drive
David Bradley ground drive
(2) Farmall Cub spreaders

ROLLER HARROWS AND PACKERS

Dunham 10' roller harrow
Brillion 12' cultimulchers
JD 970 15' roller harrow- like new
JD 10' roller harrow
JD 930 12' 3 pt. roller harrow
JD 12' packer w/end transport
Chatanooga 12' crowsfoot packer
Brillion 10' packer w/4" axle
Chatanooga 8' double packer

ROW CULTIVATORS

IH 183 6x30 danish tine- like new
JD RM 6x30 cultivators
JD RG 6x30 cultivator
(4) JD RM 4x36 cultivator
AC D15 2R front mt cultivator
IH 706 4R front mt cultivator
IH 80 2R front mt. to fit IH 784
King Kutter 1R 3 pt. cultivator
Farmall H or M 4R front mt.
Farmall Cub and Super A cultivator
JD 620 2R front mt. cult.
(2) Ford 2R 3 pt. cult.

FIXER-UPPERS

Case 930 standard, noise in engine
Case 530D, WF, 3 Pt., PS
Oliver 770D, WF, 3 Pt.
AC 5050
AC 'WC' w/Loader

DISC HARROWS

JD 110 14' finishing disc
JD BW 13' disc
JD 12' cutting disc
JD 5½ ' offset disc
JD 8' offset w/transport
IH 500 12' cutting disc
IH 500 13' cutting disc
IH 470 14' finishing disc
(2) IH 37 9½ ' wheel disc
IH 8' offset disc w/transport
(3) IH cub discs
Miller 9' offset (nice)
Miller 10'10" offset- C series
(2) Miller 11' offset
Kewanee 12' finishing
Kewanee 14' rock flex
Kewanee 18' rock flex w/manual wings
White 281 10½ ' offset
Bush Hog 12' cutting disc
(6) 3 pt. hitch discs 4' to 9'
Rhino 167 9' offset disc

Heavy Duty 3-Point Hitch Logging Winch

JD 440 Hydraulic Winch And Tripod PTO Operated, 1000 RPM's

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Oak wood, Painted green with new 8 Ton Gear

8'H x 8'Wx16'L $1050.00

8'Hx8'Wx18'L $1100.00

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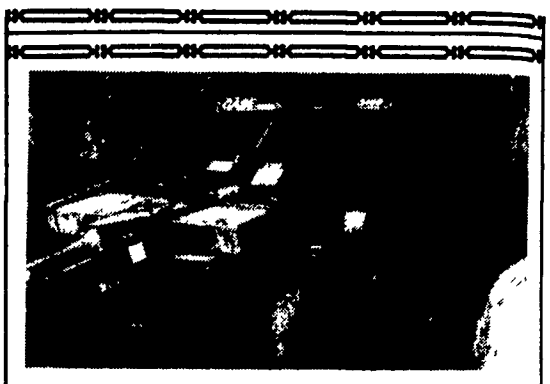

CASE-IH 3450, 4x5, bale, 900 Lbs. Shed Kept., Exc. Cond., Field Ready.

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Case 1070, Cab, Power Shift
Case VAC w/Wide Front
JD 1650 w/Loader

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Kubota F2100 w/5 Ft. Mower & Dump Grass Catcher
Ariens Rider
Satoh 370D w/Loader, 4WD

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Gehl CB400 w/TR3038 Head & Pickup
Assortment of Gehl 99 Forage Blowers
IH 550 Harvester
NH 27 Blower

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Case 455 Track Loader
Case 580C Loader/Backhoe w/ROPS
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Case 580K, 2WD, Standard Loader/Backhoe SOLD
Case 580E, ROPS, Std. Hoe
Case 1740 Uniloader, Minus Engine
Case 1835B Skid Loader
Case 1835 Skid Loader
Dynahoe 120 Loader/Backhoe
NH L-455 Skid Loader

MOWER CONDITIONERS

Hesston 1090
Vicon 281 Disc Mower Conditioner
Hesston PT10
(1) Case 555 Mower Conditioners
Case 650 Self Propelled
IH 1190 Mower Conditioner
NH 1495 Self Propelled
Gehl 880
JD 830 Self Propelled
JD 485 Mower Conditioner

PLANTERS

IH 400 Cyclo Planter - Coming In!

MISCELLANEOUS

JD 10 Ft. Disk Harrow
Baltimatic Spinner Spreader
NH 848 Round Baler
NH 304 Spreader
Woods C-114 Mower 9½' Pull-Type Mower
Woods HS-105 Offset Mower
IH 2355 Farm Loader, Like New!
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Case 3300 5-Bot. Plow
Athens 156 Chisel Plow

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Tractors

JD 4250 SGB, MFWD, power shift
JD 4050 power shift, SGB
JD 1050D turbo, MFWD w/JD 75 loader 600 original hrs., 1 owner, very nice SOLD
JD 4640 SGB, quad w/front wheel assist
1981 JD 4440 SOLD shift, SGB
JD 4440 SGB, power shift
JD 4240, SGB, quad, sharp
JD 1976 4430, SGB, quad
JD 4430 power shift, SGB
JD 4430 SGB, quad
JD 4030 quad fender tractor, '77 model
JD 5020 Row Crop, Duals, Weights, Original, Extra Nice
JD 4320 w/year SOLD nd cab fender tractor
JD 4320 w/factory cab
JD 4020D, po SOLD ft
JD 4020D, WF, gear drive
JD 4000 diesel w/year round cab, dual hydraulics gear drive
JD 4020 gas, power shift, nice
JD 730 L.P. gas, straight & good
1984, IH 5288, MFWD, duals and weights
IH 3588, 2+2, Nice Tractor
IH 3088 fender tractor
IH 1486 cab, air, original & very sharp
IH 1486 Factory Cab, Air, 1979 Red Power
IH 1086 cab, air, 2800 original hrs.
IH 1086 cab, air, new T/A
IH 986, cab, air, 1569 hrs., very sharp
IH 886 cab, air
Case IH 885, cab, air, TA, 1988 model
Case IH 885 factory cab & air, TA, 3 valves 3 hydraulic, dual PTO, 1988 model SOLD
IH 86 hydro, German engine, WF
IH 684D
IH 1466 year around cab, 2400 hrs.
IH 1066, black strip, fender tractor, radials, very sharp
IH 1066 fender tractor
IH 1066 White cab w/air
IH 966 w/cab & air
IH 966 with or without cab
IH 856 diesel, 3 pt., MFWD
IH 826, WF, 3 SOLD r round cab
IH 460 gas, utility

Combines

1982 JD 6620 Side hill hydro, nice
JD 4420 air, monitors, header height
JD 4400 1979 model, 2200 hrs., 23" tires, v. nice
JD 4400D, air, 1974 model
MF 850 hydro, 2WD
MF 850D hyd. 2WD, very nice

Implements & Misc.

Now Stocking New Koyker Quick Attach Loaders For Most JD & IH Farm Tractors, 40 HP To 180 HP.

IH 720 5x18 on-land automatic reset
IH 720 6x18" on-land auto reset
IH 720 7x18" on-land auto reset
IH 720 6x18" auto reset
IH 720 6x16" auto reset
IH 720 5x18" auto reset
Case IH 720 4x18" auto reset, almost new
IH 710 4x18" auto reset
IH 710 3x16" semi mount auto reset
IH 700, 5x16" auto reset
JD 4x16" trailer plow
(2) IH 475 21' & 18½' disc
IH 470, manual fold 16' disc, needs blades
Allied loader to fit JD 3010 thru 4020 quick attach
Brady 1440 12' stalk chopper
IH #60 stalk chopper
DMI 10 or 12 shank mounted chisel
JD chisel mounted 11 shank
Factory JD WF to fit 520 thru 730
Factory JD WF to fit 3020 thru 4020

Heads

MF 1163 6RN, very good
MF 1143 4RN corn head, good cond.
MF 1144, 4RW
MF 1859, 16' flex w/Ull reel
MF 1859, 15' Flex Head w/Ull Reel
(3) IH 843 4RN, 1 Very Good
JD 443 Low Tin Oil Bath
JD 443, 4RN
JD 216 flex
JD 100 Series 13' & 15' rigid heads
NI 711 grain head, nice

Used Parts

IH 70 hydro
IH 806 diesel & gas
IH 560 D
IH 706 gas tractor
IH dual PTO units
IH 826 diesel
IH 1026 hydro
Dual wheels - 34's and 38's
Tractor Weights JD & IH
IH 544 diesel, hydro Farmall
IH 504 utility
IH 856 diesel
IH 706 diesel
IH 1256
Farmall 400 & 450 D & gas
Farmall H & M
NI 713 & 715 grain heads
NI 702 D & 701 G & 702 G
NI 717 combine
JD 4020 dsl., powershift
JD 3020 G

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JD 620, No 3 pt., ... $2,150
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1951 JD G, nice condition $2,900
JD 40 utility, original paint, nice.. Call
JD unstyled G, good condition, 1940 ..... $3,900
Oliver 1600, gas, nice $3,900

Selling Parts Off The Following:
JD, A, B, G, GM, H, 70, 620, 820, 430, 3010, 4010, 4020, 4230, **ALSO ENGINE PARTS:** 2030, 2840, 4430, etc.

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JD 620, 60, 70D

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MF 1085 Diesel, good tractor
MF 1080, complete engine & hyd. overhaul
MF 275 diesel w/38" rubber
MF 255, new rubber, sharp
MF 165 diesel, 28" rubber, new paint
Deutz 7007 Tractor
MF 235 Diesel with engine overhaul

EQUIPMENT
NH 489 9' haybine
Athens 11½ ' disc harrow
Int. 510 7x18 double disc drill
#10 Int. 7x16 double disc drill
JD FBB 7x17 Double disc dill
JD 325 3 pt. 3 bottom hyd. reset
MF 4 bottom, semi mount plow
MF 880 5 SOLD spring reset plow
IH 510 4 bottom trip back plow, like new
36' Little Giant elevator w/motor or PTO drive
8 tooth chisel plow
5 tooth chisel plow, Brillion packers
Corn cultivators dif. makes & dif. sizes 4R-8R
JD 10' cultimulcher IH 12' Cultimulcher
Used Brillion cultipacker and cultimulcher parts
New farm and corral gates
MF Tractor Parts Dismantling: 20, 30, 35, 40, 50, 65, 85, 90, 135, 150, 165, 175, 178, 180, 1080, 1085, 1100, 1130, 1135, 1150 w/cab, 1155, MH 44, NH 785 skid ldr. and Case 1835C skid ldr. for parts.

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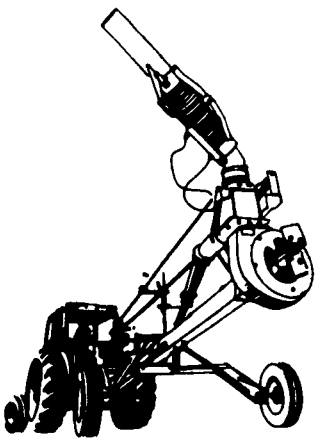
Badger

BN184 Souper-Trail Pump/Agitator



- Pump/agitator for basins and lagoons
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QUALITY TRACTORS

JD 4250 Diesel, Cab, Air, 15 Speed, Power Shift, 2WD, Very Nice SOLD
JD 4050 Diesel, Cab, Air, 15 Speed Power Shift, 2600 Hrs., 1 Owner, Excel. Condition SOLD
1979 JD 4640 Dsl. Cab, Air, Quad Range, 20x38 Radials, Front Weights, Very Good SOLD
1977 JD 4430 Diesel, Cab, Air, Quad, 3300 Hrs., 1 Owner, Excel. Cond.
JD 4320 Diesel, Roll Guard & Canopy, Very Good
JD 2950 Dsl. Fender, HI Lo, Very Good Condition
JD 2750 Diesel, Roll Guard & Canopy, Very Nice
JD 2355 Diesel, HI-Lo w/240 Quik Attach Loader
JD 2355 Diesel, 2200 Hrs., w/146 Loader, Very Nice
JD 2355 Diesel HI-Lo Roll Guard & Canopy Dual Hyd., 1 Owner, Excel. Cond.
JD 1530 Diesel, w/145 Loader, Good Condition
1975 IH 1066 Diesel, Cab, Air, Dual Hyd. & PTO, Very Good
IH 1066 Diesel w/Cab, Dual Hyd., PTO 18x38 Rubber
IH 686 Dsl., 3 Pt. Dual Hydraulics, 16x38 Rubber, WF, Very Nice
IH 666 Gas, 3 Pt. Dual, Hydraulic, WF, Very Good
IH 584 Diesel, w/Cab, 2100 Hrs.
MF 135 Tractor, Exceptional
Ford 3000 Gas w/Loader, 3 Pt. & Power Steering

PLANTING EQUIPMENT

JD 7000 6RN Conservation, Liquid Fertilizer, Insecticide, Monitor, Frame Mounted Coulters
JD 7000 6RN Liquid Fertilizer, Insecticide, Monitor, Excel. Cond.
JD 7000 6R Conservation, Dry Fertilizer, Insecticide, Mo SOLD , No-Till Coulter, Very Nice

TILLAGE

Brady 12' Pull Type Field Cultivator
JD 7-Tooth Mulch Tiller, Spring Loaded Gang, Like New
JD 230 Hyd. Wingfold Disc
IH 770 20' Hydraulic Fold Offset Disc
Miller 12' 3 Bar Offset Disc
JD 950 12' Roller Harrow
Brillion 12' Roller Harrow, Inboard Wheels

Delivery & Financing Available

6500 Bale Wire In Stock

QUALITY COMBINES (Displayed Inside Building)

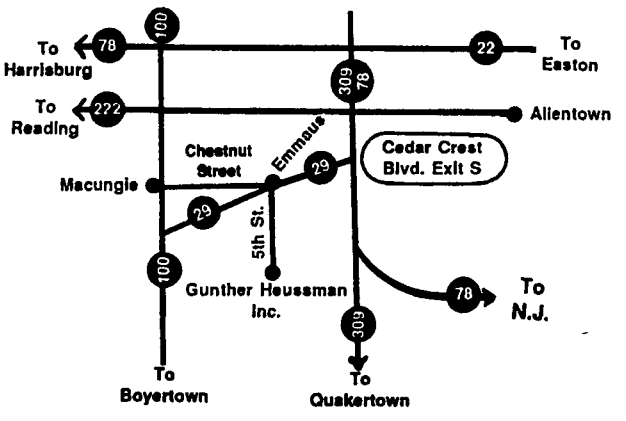
MF 860 Diesel, V8, Hydro, 1300 Hrs., 1 Owner Excel. Condition
1982 IH 1460 Diesel, Cab, Air, Hydro, One Owner, Excellent Condition
JD 4420 Diesel, Cab, Air, Chopper, 23" Rubber, Very Nice
1982 IH 1420 Cab, Air, Hydrostatic, 1000 Hrs., 1 Owner, Like New
1980 JD 7720 Diesel, Cab, Air, Hydro, Chopper, 2200 Hrs.
NI 709 Diesel, Cab, Air, Hydro, 4x4 w/839 Husking Bed, 846 6RN Corn Head, Excel. Cond.
1978 JD 6600 Diesel, Hydro, Cab & Air, Very Good
1977 JD 4400 Diesel, Cab, Air, Dial-A-Matic Very Nice
1974 JD 3300 Gas, w/Cab, 10' Grain Platform, Very Nice
1976 Gleaner F w/Cab, Air, Very Good
Gleaner K w/Cab, 12' Grain Platform, 1 Owner
JD 215 & 216 Flex Head, Good Selection
JD 213 & 215 Rigid Heads
JD 915 Flex Head

CORN HEADS

JD 343, 3RN
JD 443, 4RN
JD 444, 4RW
JD 444 Oil Bath
AC 238 Corn Head
AC 430 Black 4RN For F2
AC A438 Black, 4RW For F2
IH 843 4RN

APRIL SPECIALS

AC 200 w/Cab $6,850
JD 37 Loader, Hyd. Bucket $550
JD 4640 Cab, Air, SOLD $18,500
JD 950 Roller Harrow $1,250
JD 346 Baler w/30 Ejector $2,850
JD 2150 Diesel, MF SOLD /240 Loader.. $11,500



MISCELLANEOUS EQUIPMENT

NI 323 1R Corn Picker, Very Good
NI 324 Corn Picker 2RN, 12 Roll Bed, Almost New
JD 400 Bu. Grain Cart
18x38-18x34-16x28 Duals
JD 37 Loader w/Hydraulic Bucket
JD 4 & 6 Row 3 Pt. Cultivators
NI 12' Fertilizer Spreader, Good Condition
JD 875 6R No-Till Cultivator

HAY EQUIPMENT

JD 3950 Harvester w/Elec. Controls, Cut 20 Acres, Almost New
JD 3950 Harvester, Electric Control, Hyd. Hitch w/2RN Cornhead, Excellent Condition
JD 347 Baler w/40 Ejector, Good Condition
JD 327 Baler w/30 Ejector, Very Good
NH 315 Baler w/Thrower, Very Nice
NH 316 Baler w/70 Thrower, Excellent Condition
NH 847 Round Baler, Very Good
NH 853 Round Baler w/Bale Command, Very Good
NH 855 Round Baler, Memory Wrap, Very Nice
NH 488 Haybine, Very Good
NH 38 Flail Chopper, Very Nice
NH 1037 Bale Wagon, 105 Bale Cap, Excel. Cond.
New Farmco 18' Steel Side Hay Wagons
NH 56 Rake, Excellent
Ford NH 919, 13' Direct Cut, Head To Fit SP Harvester, Cut 20 Acres

PLOWS

JD 1600 12 Tooth Pull Type Chisel Plow
IH 735 6 Bottom Variable Spring Reset
IH 720 5x18 Spring Reset
IH 710 4x18 Spring Reset
IH 710 4x16 Spring Reset
JD 1450 5x16 Plow
JD 2800 6 Bottom, Variable Spring Reset Extendable Bottom For JD 2500

NEW ARRIVALS

JD 7000 4R Conservation Dry Fertilizer Insecticide Monitor, Very Nice SOLD
JD 4320 Diesel, 4200 Hrs., 1 Owner, Excel. Condition SOLD
NH 144 Windro SOLD verter, Like New
Brady 6R Stalk Shredder, Good Condition
Ford 7600 Diesel w/Dual Power, New Rubber, 1 Owner
IH 1440 Diesel, Cab, Air, 1800 Hrs., Good Condition
IH 720 6x18 Spring Reset On Land Hitch

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SIMPLE DEPENDABLE POWER TRAIN

Every shaft connection from the tractor to the top beater is splined.

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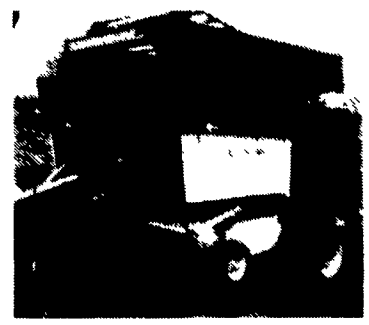

NH 848 round baler to be sold at Marion Auction Sale on April 22nd. One owner, used four seasons. A well maintained baler in excellent condition. Used half a season on new apron chain. Equipped with hydraulic and electric tie.

1987 JD 4050 MFWD, quad, cab, air, 6000 hours..... $28,000
1969 IH 856, dual PTO, 3PH, TA, good rubber..... $5,000
NH 1003 bale wagon..... $3,500
1982 Moore no-till forage seeder..... $2,000
1987 Schueler stationary dump box SF16..... $2,500
1988 Hesston round baler..... $2,000
IH power unit, gas $2,000

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203/350-8206 evening

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JD 4455, ca[SOLD], power shift, MFWD
JD 4050, cab & air, quad range, like new
JD 4840, cab & air w/duals
JD 4250, cab & air, quad
JD 2550
JD 4450, WFWD, cab, air, power shift
JD 4440, cab, air, power shift
JD 4430, [SOLD], excellent
JD 4430, 1976, excellent
JD 4240, 4 post
JD 6030, s[SOLD]4,000 hrs.
JD 4230, cab & air, power shift
JD 4320
JD 4020, power shift
JD 4020, syncro
JD 2555, cab & air
JD 2010
JD 2550 w/240 loader
JD 2840
JD 2350
JD 2240 [SOLD]er
JD 1050 w/470 hrs.
JD 2240 w/cab [SOLD]
JD 2940, 4WD
JD 950 vineyard special
IH 5088, cab & air
IH 3688, cab & air
IH 1486, cab & air
IH 856
IH 666, diesel
IH 384, power steering
IH 234, 4WD, 100 hrs.
Ford 2000, gas
Ford 3000 w/loader, 2,000 hrs.
Ford 4000, gas
Ford 6600, diesel

Case IH 595, like new, 640 hrs.

INDUSTRIAL

JD 310 TLB w/cab, excellent
Case 580 TLB, gas
Case 450 B loader, 1,200 hrs.
Gehl 4400 skid steer loader
MF 200 diesel crawler loader, 4 in 1 bucket

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Ford 3 btm. 3 pt. hitch, spring reset plow
White 6 btm. 16" spring reset plow
IH consertill 10'
JD 3 btm. roll over plow
JD 5 btm. on land hitch
JD 8 btm. 2800 varied width on land hitch plow
IH 710 8 btm. 18" spring reset, on land hitch
JD 2500 5 btm. 18" spring reset
JD 2500 6 btm. auto reset

USED COMBINES

244 JD corn heads
444 JD corn heads
443 corn head
643 corn head
JD 215 flex head
JD 6620, 1982, sharp
JD 4400, diesel

IH 1640, 400 hrs., like new

HAY EQUIPMENT

NH 852 round baler
NH 1003 bale wagon
NH 472 haybine
Gehl 1850 round baler
JD 346 wire baler w/thrower
JD 347 wire baler
NH 320 baler w/kicker, like new
IH 8420 round baler, like new

MISCELLANEOUS

JD 7000 6 row liquid planter
Fox Super D harvester
Kewanee hyd. fold 20' roller harrow, like new
Kewanee 21' hyd. fold disc
Taylorway 25' disc
JD 110 disc
JD 115 disc
Bush Hog 8' offset disc, like new
IH 760 offset disc, very good
Kewanee 12' mulcher
JD 12' mulcher
Gehl 72C flail chopper, excellent
Gehl 960 forage wagon w/roof
Glenco soil finisher, 12'

NEW NI 3626 spreader w/tailgate

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TRACTORS

Farmall Model 200 w/Cultivators $1,550
Mitsubishi 250D w/loader $5,900

GARDEN TRACTORS

Cub Cadet $850
Deutz-Allis Sprint (Excellent $995
Deutz-Allis Model T816 $1,750
Snapper $275

FORAGE EQUIPMENT

2- New Holland Model S717, 9 Knife Harvester w/770W Pickup Head $2,500 ea
2- New Holland Model 770R2, 2 Row Cornhead $1,250 ea
New Holland Model S23 Blower $750
New Holland Model 28 Blower $1,250
New Holland Model 30 Blower $2,250
Hesston Model 7020 Harvester w/Windrow Pickup & 2 Row Cornhead (negotiable) $2,500
International Model 120 Forage Wagon--3 Beater w/Roof on Tandem Running Gear (Excellent) $4,500
New Holland Model 892 Harvester w/Auger Base (890A), 3 Row Narrow Cornhead (890N3), Windrow Pickup Head (890W) Excellent $8,500

MANURE SPREADERS

New Idea Model 213 Flail $475
New Idea Model 384 Solids Plus $4,400
New Idea Model 3810 Solids Plus $3,750

MISCELLANEOUS EQUIPMENT

John Deere 12 Ft. Cultimulcher $2,500
John Deere Model 18, 1 Row Corn Picker $450
Arts-Way Model 475 Grinder-Mixer $3,500
New Holland Model 355 Grinder-Mixer $4,750
International 12' Transport Disc $1,250
International 15' 3 Pt., Spring Tooth Harrow $750
International Front End Loader, Model 2001 (Fits IH 656 & 400) $750

HAY EQUIPMENT

New Idea Model 270 Cut-ditioner $950
New Idea Model 272 Cut-ditioner $1,250
New Idea Model 512 Hydra-Steer Mower-Conditioner 12' $3,900
New Holland Model 489 Haybine, New Rolls $5,250
New Holland Model 495 Haybine, 12' $2,600
New Holland Model 495 Haybine, 12' $3,900
IH Model 1000 Balanced Head Mower, 3 Pt. Hitch (Excellent) $1,275
IH Model 33 Hay Crimper $250
IH Model 435 Baler $750
IH Model 440 Baler w/Thrower $1,000
A/C Model 444 Baler w/Thrower $1,250
New Holland Super Hayliner 67 w/Thrower $1,975
New Holland Model 270 Baler w/Chute $950
New Holland Model 273 Baler w/Thrower $3,250
John Deere Model 336 Baler $3,250
Kuhn FC300 Disc Mower Conditioner, 10' $4,900

Best Buys in Used Equipment

USED TRACTORS

IH 3388
IH 1086 w/ROPS
IH 806 w/fast hitch
IH 706, gas
JD 4010

USED EQUIPMENT

IH 315 cultimulcher, very nice
IH 540 plow, 4 btm.
IH 560 plow, 6 btm.
Ford - 4 Bo[SOLD] semi-mounted plow
Oliver 4 btm. mounted plow, 16"
JD 845 3 btm. roll over plow
JD 16' transport harrow
JD 7000 4 [SOLD] corn planter w/fert. & insecticide

NEW HAY TEDDERS IN STOCK

1 - Stoll tedder rake

New Vicon Seeders In Stock

GRAIN HARVESTING

JD 6600 Combine w/15' flex head, 4 row narrow corn head
Gleaner Model G Combine, diesel w/4 row narrow head & grain head
IH 810 15' head
McCurdy 230 gravity boxes
McCurdy 275 gravity box

Case IH Model 1660 Combine w/Specialty Rotor, 300 Hrs., Excellent Condition

USED HAY EQUIP.

Gehl 99 blower
NH Super 55 rake
NH 469 haybine
NH 315 baler w/thrower
Badger 2600 Harvester w/2 row corn head w/2 row snapper head w/5' hay pickup ..... ~~$3,500~~ $2,500

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COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines; Good Selection Of 4WD Combines.

JD 4425 w/216 Flex, 300 Hrs., Like New

JD 8820 4WD, Full Equip. w/220 Flex.

JD 7720 4WD w/216 Flex & 643 Cornhead.

1982 JD 6620 Side Hill w/Full Equip.

1981 JD 6620 Side Hill Combine.

JD 6620 4WD w/215 Flex And 643 Corn Head.

JD 6620 LL, 1 Owner, Full Equipment, $20,000.

(77) JD 7700, C.A.

(75) 6600 D. Rotary Screen.

JD 6600 Gas w/443 Cornhead, As Is.

JD (77) 4400 D., C.A.

JD 4400D, CA Rotary Screen.

JD 4400 Gas, 13' Grain.

IH 1460, C.A., Hydro, 4WD w/820 Flex & 863 Corn Head.

IH 1420, 4WD w/843 CH

MF 850 C.A., Charge Cooled, 4WD w/9118 Flex.

MF 850 C.A., Turbo, Hydro., w/17' Flex And 6R Cornhead.

MF (78) 760 C.A., V-8, Hydro., 4 WD, w/2 Heads.

MF 750, Gray Cab, Air, Turbo Hydro, (SOLD) Real Nice.

MF750 Gray Cab Hydro, Real Nice.

MF 1163 Corn Head, 2 Years Old.

MF 760 C.A., Hydro w/2 Heads.

MF (76) 750 Cab, Air, Hydro

MF 550 C.A., Hydro., 4WD.

MF 540 Gray Cab w/Air w/44 CH.

MF 410 Gas.

IH 915, Turbo Hydro, 4WD, w/810 Grain.

(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.

IH (77) 715 D. C.A. w/810 Grain & 844 Corn Heads; IH 715 Gas, C.A. w/810 13' Grain; NH TR70 C.A. Hydro w/Cat Dsl.

IH 82 Pull Combine, Real Nice

N.H. TR70 C.A. Hydro.

Gleaner N-5 w/15' Flex & 630 Corn (Needs Work)

Gleaner F2 D, CA, w/A430 Corn Head And 13' Flex.

Gleaner F Gas w/13' & 430 Corn.

NI 702 D. w/727 bed & 3R C.H.; NI 702 Uni w/727 And 735 Corn Head; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House; NI Uni 838 Husking Unit w/841 Feeder House.

CORNHEADS: JD 643 Oil Bath, Like New; JD 643 Oil Bath, 643 LP, 643, 444 LP, 443 LP, 444, 443, 343, 244, 243; 205 (40) 234, 435; JD 453, 454 And 653 Row Crop Head.

I.H. 983; 963; 943; 863; 844; 833; 763; 744; 743; 327; 227.

Gleaner A638 Corn Head; ML 630; A.C. GL 440, C440, A438 Black, F2, M430, Gleaner C430 C H., F335.

M F. 1163, 1144, 1143, 63, 44, 43, 24.

NI 738, 743, 744W, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404).

NH 974 N6; NH 974 W6; NH 962 N3 & 962 W4; NH 962 6RN; NH 924, 4RW; White 706N; Oliver White 4N; White 703.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid.

820 16½' Flex.

I.H. 810-13' Thru 17.5' w/ Reg. or Floating.

M.F. 10'-16' Reg. or Floating Bar; A.C. E10'.

N.I. 713 Flex Or Rigid; NI 715 S Flex.

TRACTORS: Good Selection Of 4WD Tractors.

JD 2955 ROPS; JD 2955; JD 8850 4WD, C.A., 3 Pt., PTO., Fully Equipped; JD 8650 4WD w/3 Pt. And Duals; JD 4850 C.A.P.S., MFWD, And Duals; JD 4650 C.A.P.S., Real Nice; JD 4450, C.A.P.S., MFWD, Real Nice; JD 4450, C.A.P.S., MFWD, Duals; JD 4450, C.A.P.S., MFWD; (85) JD 4250 C.A.Q.R.; JD 4050 C.A.P.S., MFWD, 1600 Hours; JD 4050, ROPS, QR; JD 8640 C A., 3 Pt., PTO w/Duals; JD 8440 C.A., 4WD; JD 4840 C.A.P.S., Duals; JD 4840 C.A.P.S. Duals & Quick Hitch; JD 4840 C.A.P.S., w/Duals; JD 4640 C.A.P.S., 18x42 Duals; JD 4640 C.A., QR, Duals; JD 4640 C.A.Q.R.; 4640 C.A.P.S.; 1982 JD 4440 C.A.P.S., 20.8x38 Radials; 1981 JD 4440 C.A.P.S.; JD 4440 C.A.P.S., FWA; JD 4440 C.A.P.S., 4WD; JD 4440 C.A.Q.R.; JD 4440 R.O.P.S., QR; 1982 JD 4240 C.A.Q.R., Real Nice; (82) JD 4240 C.A.Q.R.; (81) JD 4240 C.A.Q.R.; JD 4240 C.A.Q.R., Nice; JD 4240 C.A.Q.R.; JD 4240 C.A. w/Creeper Trans; JD 4040 C.A.P.S., Real Nice; JD 4040, C.A.Q.R., Nice; JD 4040 Fender, Power Shift; JD 2940 MFWD w/260 Loader; JD 2940 MFWD w/Ansel Cab; JD 2940 CA; JD 2940 MFWD; JD 2940; JD 2840; JD 2440 R.O.P.S., IPTO; JD 2040; JD 8630 C.A., 4WD w/Duals; JD 6030 Cab Duals; JD 4630 C.A.Q.R.; JD 4630 C.A.P.S. (Rebuilt Power Shift); JD 4630 w/Cab, PS, 4WD; 4630 SR w/Cab & Air; JD 4630 Fender, Syncro Range; JD (77) 4430 C.A.P.S., 4WD; JD 4430 C.A.Q.R.; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4230 CA, Syncra Range, Nice; JD 4230 C A.Q.R.; JD 4230 C.A.Q R., As Is; 4430 ROPS, Syncro Range; JD 4230 w/Cab, QR w/Slight Fire Damage; JD 5020 (Needs Motor Work); JD 4520 ROPS, PS; JD 4320; JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; JD 4020 18.4x34 Radials w/158 Loader; 4020 S.C., W.F.E.; 4020 PS w/Cab; 4020 WF, Powershift, Orig. Paint, New 18.4x34's; 4020 S.C., W.F.E.; JD 4020 Dif. Lock, 2 Hydraulics; JD 4020 Tricycle Dsl., Side Console, Nice; JD 4020 w/Cab, Real Good; JD 4020 Power Shift; 1972 JD 4000 w/Cab; JD 4000 D WFE; JD 4000D (As Is); JD (72) 3020 Tricycle Dsl.; JD 3020 D, WFE, Power Shift; JD 3020 Dsl., WF; JD 3020 D Tricycle; JD 3020 D, WFE; JD 3020D, WFE; JD 3020 (As Is); JD 3020 G.; JD 4010 WFE, Nice; JD 4010 Tricycle, Gas, w/Cab, Nice; (2) JD 3010 D WF; JD 3010 D., Tricycle; JD 3010 Gas, Tricycle; JD D 2510 Tricycle, Gas; JD 730D, WFE, 3 Pt, Real Nice; JD 730D, 3 Pt.; JD 720 Gas w/3 Pt.; JD 520 w/PS.

IH 5488, C.A., MFWD, 20.8x38 Duals; IH 5488 w/Duals; IH 5488, C.A., Duals; IH 5288 C.A., w/20.8-38 Duals; IH 5088, C.A., 2 PTO's, 3 Hyd.; IH 5088 C.A.; IH 3588 2+2, C.A.; IH 3388 2+2; IH 3488 C.A., Hydro, Original; IH 4786 C.A. 4WD; IH 1586 C.A.; IH 1586 C.A. (Needs Trans. Work); IH 1486 C.A. Duals; IH 1486 CA; 1486 C.A. (As Is); IH 1086 CA, 3 hyd, 20.8x38 duals; IH 1086 C A., New TA, Real Nice; IH 986 ROPS; IH 186 Hydro ROPS; 886 w/R.G.; F786; F686 Original; Farmall 86 Hydro; IH 4166 4WD, w/3 Pt. And PTO; IH 4166 C.A., 4WD w/3 Pt., Nice; IH 1466, C.A., 18.4x38 Duals; IH 1066 w/Cab; F 1066 Fender, Original; IH 1066 (Needs TA); 1566 w/ Cab; 1466 w/Cab; 1466, C.A.; IH (76) 1466 w/ ROPS; 1466 Fender; IH 966 Year Round Cab w/ Air; IH 966; IH 966D, WFE, TA, 2 Hyds.; 966 Fender; F766 w/Factory Cab; 766 Fender Dif-Lock, New Tires; IH 784 w/2250 Loader; IH 784 MFWD; 574 D. w/Loader; Farmall 544D, hydro; Farmall 544 Gas, WF, 3 pt.; F856; (SOLD) D (As Is); F826 (As Is); IH 806D, WF, 3 Pt.; IH 1206; F 706 Gas w/Cab; IH 706 Gas (As Is); Farmall 560 Dsl.; Farmall 560 Tricycle Gas; Farmall 460G, Original; Farmall 350 Tricycle w/PS, FH; Farmall 140 w/ Cultivator; IH Super AV w/ Cultivator.

AC 8070 C.A.P.S. w/Duals; AC 8050 C.A.P.S., MFWD; AC 7080 C.A.; AC 7040 C.A.; AC 7010 C.A.P.S.; AC 7000 Fender; AC 6080 CA, MFWD; AC 5040; AC 200 D original; AC 185, WFE, New Tires; AC 185D, WFE; AC D21 Series 2.

Deutz Fahr DX 830 C.A.P.S., MFWD; Deutz DX140, CA, real nice; Deutz 6206 w/Loader.

CASE IH.

Case IH 9130, C.A., 4WD, Like New; Case IH 7140 MFWD, 600 Hours; Case 7130 MFWD, 20.8x42, Duals, Like New; Case IH 7130, 20.8x42 Duals, 680 Hours, Like New; Case IH 7120 MFWD, 20.8x42 Duals, 900 Hours, Like New; Case IH 7120 MFWD, Real Nice; Case IH 685 C.A.; Case 2294, C.A.P.S.; Case 2094 C.A.P.S.; Case 4890 4WD Full Equipment; Case 2590, C.A.P.S., 20.8x42; Case 2390 C.A.P.S., Duals; Case 2290 C.A.P.S.; Case 2290 C.A.P.S.; Case 2090 C.A.P.S.; Case 2290, C.A.P.S.; Case 2090 C.A.P.S.; Case 1690 CA MFWD, Real Nice; Case 1690 C.A., MFWD; Case 1370 C.A.P.S. (As Is); Case 970; Case 530 w/Power Steering And 3 Pt.

MF 3545, C.A., MFWD; MF 2805 C.A., 24 Speed, w/ Duals; MF 2705 C.A., 24SP.; MF 2705, C A, 8SP., MF 2705, C A.P.S.; MF 2675 C.A. 24-Speed; MF 1800 C.A., 4WD w/3 Pt.; MF 1150 w/Cab; MF 1150 Fender w/Duals; MF 1085; MF 180D; MF 285; MF 235; MF 165D.

Ford 1988 TW35 Series II CA, MFWD w/Duals; Ford TW25, CA, Real Nice; Ford TW10 w/Cab; Ford TW10, ROPS, Dual Power; Ford 7700 w/Roll Guard, Dual Power And Load Monitor; Ford 7700 ROPS, New 18.4x34 Tires; Ford 8600 w/Cab, Needs Motor Work; Ford 6600 MFWD w/Long Loader; 1951 8N; Ford 8N, Good Cond.; Ford 8N w/Loader.

Versatile 500 4WD, Full Equip

White 2-155 C.A., MFWD; 1981 White 2-135 Red Stripe, C.A., MFWD, WHITE 2-135, C.A.; White 2-105 w/Cab MFWD; White (SOLD) C.A.; White 2-85 MFWD.

Oliver 1655 D, WFE; Oliver 2050; MM G1000 Nice.

Fiat Hesston 1380 C.A.

Steiger Bearcat 2 w/Duals & 3 Pt.; Steiger Bearcat w/3 Pt. & Duals.

Belarus 560 w/Cab, 200 Hours.

Tractors & Equip. Just Traded:

Case 1840D Skid Loader; NH 256 Rake; Gehl 95 Grinder Mixer; IH 820 15' Flex; IH 800 6R Liquid Planter; Papec Grinder Mixer; IH 710 6X Onland Hitch Plow; IH 1066 Hydro; NH 326 w/75 Ejector; JD 1327 Discbine; Cub 154 Loboy; JD 420 w/Mower & 3 Pt.; Kubota L175 w/ Mower; Bush Hog 10' 3 Pt. Mower; JD 2800 7X On-Land Hitch; Case IH 8350 12' Haybine; Case IH 1350 Grinder Mixer; NH 890 2RN Snapper Head; AC 6080 MFWD (Needs Rear End Work); F560D WFE; F460D WFE; Dunham Lehr Loader; IH 140 w/ Cultivator; Gehl Side Dump Wagon; JD 3940 w/2 Heads; IH 800 4R Planter; NH 1010 Bale Wagon; JD 158 Loader; NI 323; IH 806D; JD 9500 4WD, 530 Hours, Like New; JD 4450 C.A.P.S., MFWD, Real Nice; IH 510 Drill; NI 323 Picker, IH 4R Shredder; NI 325 w/12 Roll Bed; F806D WFE, Gehl 960 Box w/Roof; JD 4020 Side Console, PS; IH 1586 R.O.P.S.; Lely Roterra; JD 920, 15' Cultimulcher; Bush Hog SC900 Soil Finisher

(New) NI 325 Corn Picker w/12 Roll Bed.

CORNPICKERS: (4) NI 325 w/12 Roll Husking Bed, Real Nice; (4) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; New Idea 325 Picker w/12 Roll Bed & Super Sheller, Real Nice; NI 325 w/12 Roll Bed, Good Cond.; (4) (Used) 324-2RW w/12 Roll Huskers; NI 324 w/ Sheller; Shellers & Super Shellers; NI 323 Nice; NI 323; NI 323 Picker; NI 330 3R Picker w/12 Roll Bed; JD 300 Picker w/243 Corn Head, Real Nice.

New NI 329 Super Sheller List $6700 00, Special $3,550, NI 330 - 3 RN w/Supershellers, 325 2RN w/Grinder

PICKER, NI 319 2 Row Mounted Picker w/12 Roll Bed, NI 305 Mounted Picker w/12 Roll Bed.

FORAGE EQUIP Forage Harvesters w/Choice of Heads

JD 5720 C A. 4WD w/3R & 7' Hay Pickup, Real Nice, JD 5460 4WD w/3R & Hay Pickup, JD 5200 4WD, JD 3970 w/Spout Trak & Row Trak w/3R & Hay Pickup, JD 3970 w/7' Pickup, JD 3960 w/2 Heads, Full Equip, JD 3940, JD 3800 Chopper, Hay Pick-Up, JD 3960 w/3R Cornhead, JD 38 w/2RN & Hay P/U, JD 35 Chopper

NH 1895 C A., 2WD w/Auger Base, Hay Pickup, 3RN & 3RW Cornheads, NH 1890 4WD w/3 Row Auger Base & Hay P U, NH 900 Tandem Axle w/Metal Alert II w/824 Corn Head & 900W Pickup, NH 900 Chopper, NH 782, Nice, NH 782 Chopper, NH 770 w/2RN, NH 770 w/Hay Pickup, NH 718 w/Hay Pickup, IH 720 w/2R And Pickup, IH 781 Chopper w/2R & Hay Pickup, IH 830 Chopper w/2R & Hay Pickup, IH 830 w/3R Cornhead

NI 709 4WD Chopper w/3R & Hay Pickup, 717 Combine & 13' Grain

Gehl 600 w/2R & Hay Pickup, Gehl 400 w/2RN

Hesston 7140 w/Hay Pickup

NI 709 Uni, 4WD, w/767 Chopper

Fox Super D w/Cab 3R C H & PU

Gehl CB 1200 Chopper

Balzer 1014 Hydraulic Dump Station

FORAGE HEADS NH 890A Auger Base w/890 N3 Corn Head, NH 890 Auger Base w/3R CH, NH 824 Corn Head, NH 880 3RN Silage Head, NH 890 EN2 Snapper Head, NH 717-S Direct-Cut for 770 & S717, 890 EN-2RN Snapper, 770-1R Snapper, (3) NH 822 Silage, NH 890 w/2 or 3R C H, NH 890 2R Snapper Head, NH 890 Direct Cut Head, 1R & 2R Silage, NH 880W PU, NH 880 S Direct Cut, NH 974 4RN Corn Head w/Adapter Plate

J D 2 & 3R Snapper 2 & 3 R Silage JD 3RW Silage Head, Used 5½ and 7' Hay Pickups, JD 443 w/ Adapter Plate JD 443 Low Profile Corn Head w/Adapter Plate For Harvester, JD 343 Cornhead w/ Adapter Plate, JD 243 C H w/ adapter plate, 3 JD C H harvester adapter plates, JD 6' Direct Cut Head

2RN for 650, NI 766 Hay PU Gehl 2RN Corn Head

NI 768 WN 3R Corn Head, NI 763 3R Corn Head

2 CSB 2RW - Snapper, 263-2 RW, 109 Hay Pickup

BLOWERS, Gehl 1580, NH 30, Farmhand Burr Mill Blower

FLAIL CHOPPERS, NH 38, IH #8, Brillion 6R Stalk Shredder, MC 6R Shredder, Gehl 7200 Flail Chopper; Gehl 72, NI 4R Stalk Shredder; IH #(SOLD) Stalk Shredder

SILAGE WAGONS: JD 716A Tandem w/Roof.

HAY EQ., BALERS IH 8540 Baler w/ Thrower, Real Nice, Deutz Allis HD 490 Baler w/Thrower, Like New, JD 467 Wire; JD 347 w/ Thrower; JD 347 w/Thrower (As Is), JD 337 w/#40 Ejector, JD 337 w/Thrower, JD 337, Real Nice, JD 327 Baler w/Thrower, JD 327 Baler w/Thrower, JD 346 w/ Thrower

FNH 326 w/70 Thrower, Ford NH 326 Baler, 3 Yrs Old, NH 316 w/#70 Thrower Nice, NH 425 Wire Tie Baler, NH 320 Baler w/70 Thrower NH 320 Baler w/70 Thrower, NH 316 w/#75 Thrower, Real Nice, NH 315 w/70 Thrower, NH 315 w/Thrower, NH #75 Ejector IH 435 w/#15 Thrower, IH 425 w/#15 Thrower

ROUND BALERS JD 410, NH 853 w/ Bale Command, NH 849 w/Auto Wrap, NH 848 w/Memory Wrap NH 851 Rd, NH 847 Auto Wrap, Real Nice, NH 847 w/Auto Wrap, Like New, NH 847 Auto-Wrap, NH 847 w/Auto Wrap, NH 846 Auto-Wrap, Gehl 1850, IH 241, NI 456

RAKES

JD 660 w/Dolly Wheel, Deutz Fahr KH 700 6 Star Tedder, NH Double Rake Hitch

Pequea 466 Windrow Turner

HAYBINES Ford NH 1496 C A Hydro w/New Rolls, (1982) NH 1495 D C A. Hydro, 800 Hrs, NH 1495 Gas w/Cab, NH 1495 Gas Haybine, NH 499 Hydro Swing, NH 489 Haybine, Nice, 489, NH 489, NH 479, NH 478, Nice, 478, NH 477, JD 1209, Deutz Allis SM-70 Discbine, Case IH 8350 12', IH 1490 12' Center Pole Hydroswing, IH 1190 Gehl 2350 Discbine, Case IH 8340 Haybine, Used 1 Year

New MC 7E

BALE WAGONS NH 1005 and 1010, NH 1012, NH 1030, NH 1033, NH 1002

PLANTERS JD 7200 12R Front Fold w/Liquid Fert., Fully Equipped, 3 Years Old, JD 7000 8 Row Planter w/Dry Fert., JD 7000 6R Corn, Dry Fert., JD 7000 6R Corn Planter, Dry Fert, JD 7000 6R Conservation, JD 7000 6R Planter, JD 7100 6R Planter, 3 Pt., JD 5R Splitter w/No-Til, JD 7000, 6RW Plate Planter, (2) JD 7000 4R Conservation, JD 7000 4RN, Fully Equipped, Real Nice, 7000-4R Dry & Liquid, JD 7000 4R Plate Planter, IH 800 6R Planter, Hiniker 4R Econotill, No-Till, w/Kinze Units

DRILLS Lilliston 9690 10' No-Till Drill, Real Nice; Lilliston 9690 10' No-Till, Tye 12' No-Till Drill, JD 8300, 24x6, JD 8300 21x7 Single Disc Drill, JD 8300 Drill, 21x7 DD, JD 8350, JD 1500 3 Pt. Power Drill, JD 9300 Tandem Drills, Tye 24x6 Drill, IH 5100, 21x7 w/Press Wheels, IH 5100 21x7 DD w/ Press Wheels, IH 5100 24x6 Single Disc w/Grass Seed, Like New, 510 24x6 Double Disc MF 43, (New) Brillion 10' Transport Seeder, Brillion 10' Transport Seeder, Real Nice, Brillion 10' Seeder w/Transport, Brillion 10' Transport Seeder

GRINDERS/MIXERS Gehl 120 w/ Scales, JD 750, Bearcat Roller Mill, NH 396 Tandem Axle Tub Grinder

TILLAGE EQ. Ford 3X Spring Reset, JD 845 4X Roll-Over, IH 140 4X 18" Rollover JD 1250 4X Plow JD 2600 4X JD 145 4X Plow, JD 1450 5x18 Plow, JD 2600 4X Trip Plow, IH 720 5X Reset, White 549 5x18" Plow, IH 700 6X Auto Reset, IH 710 6X 18" Spring Reset, IH 720 6x18 Plow IH 720 6X Reset Plow, IH 720 6x16 Spring Reset On-Land, JD 2700 6X Plow, JD 2800 6X On-Land JD 2800 6X On-Land, Case 400 6x18 Spring Reset On-Land (2) JD 945, 5X Semi Rollover, (2) JD 2800S, 7X, JD 2800, 7X On Land, IH 710, 7X On-Land, JD 2800 7X On-Land, JD 3600 8X Spring Reset, On-Land, JD 2800 8X Plow

CHISEL PLOWS IH 5500 9', Brillion 10', Brady 12' Chisel Plow JD 16(SOLD) Type, AC 1600 14' Pull Type AC 13 Chisel Plow

DISCS Miller 11' Offset Disc Miller 10' Offset Disc, IH 770 10' Offset Disk, Like New, IH 770 20 Hyd Fold Offset Disc JD 110, JD 110 14', JD 210 14 Disc Real Nice, JD 230 13 Disc, JD 1630 11, JD 315, 13' JD 215 Disc, JD 215 Disc, Kewanee 15' Rock Flex Disc, Real Nice, Miller 12' Offset Disc, White 15' Offset Disk; Krause 1587 17' Center Fold Rock Flex, Tuffline 18' Hyd Fold Rock Flex, IH 496 18' Hyd Fold w/New Blades, AC 3300 20' Hydro Fold, Dunham Lehr 34-20' Rock Flex Disc, JD 235 23' Fold Disc; JD 230 24' Hyd. Fold Disc, JD 235, 25' Disc

MULCH TILLERS, JD 1710 11 Tooth Mulch Tiller, Glenco 9 Shank Soil Saver; Glenco 18' Fold Soil Saver, Glenco SS18 Fold Soil Saver.

CULTIMULCHERS Brillion 21' hyd fold, Brillion 21' Hyd Fold, Crow Foot Cultimulcher, Brillion 15 Cultimulcher, Brillion 12' And 15' Cultimulchers, Brillion 15' Like New, Brillion 12', nice, Brillion 13 Ft Cultimulcher; Brillion 13', Brillion 14' Cultimulcher, Dunham Lehr 15' IH 315 15', JD 12', JD 10'

CULTIVATORS JD 4R Front Mount Cultivator, JD AT 40 4R Front Mount Cultivator JD 6 Row Cultivator, JD RM 6R, IH 65 6 & 8R Front Mounted Cultivator Olive 6R Front Mount JD 8R Cultivator, 8R S Tine Cultivator JD 1010 28' Hydraulic Fold Field Cultivator, Glenco 26' Flat Fold Field Cultivator, Brillion 23 Hyd Fold Field Cultivator, Brillion 18 Field Cultivator

MISC Brillion 12 & 14' Packer, JD 400 20 Transport Rotary Hoe, JD 400 20 Rotary Hoe, JD 400 20 Transport Rotary Hoe, JD 400 15 Rotary Hoe, IH #11 5&7 Shank Spring Reset V-Ripper, Tebben 7 Tooth Pull Type Subsoiler

INDUSTRIAL IH 3616 Dsl w/Ldr, Long 11(SOLD) Backhoe, New Arps 740 3 Pt Backhoe, MF 2200 Dsl Forklift, As Is, Oliver 551 Forklift

1978 Case 580C Dsl L B, ROPS, Cab w/Heat, AC 715B L & B, JD 401C L & B, IH TD14, Angle Blade, $2,995, JD 450C Crawler Loader, JD 555 Crawler Loader 4 In 1 Bucket For JD 450

SKID LOADERS Case 1835B Case 1830, 1987 Melroe Bobcat 743 Dsl JD 170, IH 3200

LOADERS & BLADES JD 48, 58 145, IH 2455 Loader IH 2355, Like New, 2250, Farmhand #258 (JD 4230), Artsway HD loader for 4WD, Westendorf 64L, AC 470 Loader, Ford Ldr For 8000 Etc, JD 8' Dozer Blade For 4430, Etc, Amco 905 Heavy Front Blade JD Heavy Front Blade For 2940 Thru 4640

LAWN & GARDEN JD 755 MFWD w/JD #70 Loader 1988 JD 1050, ROPS, 2WD, JD 950, ROPS, 2WD, JD 850 w/Belly Mower, Kubota 185 w/Woods Mower, Kubota B6200 MFWD w/ Loader & Woods 400 Mower, Kubota G5200 w/Mower, White 2-30D, IH 284 w/Belly Mower IH 284 w/3 Pt, Nice, JD AMT 622, JD 600 AMT, Ford 1300 Dsl w/ Belly Mower; Gravely 9000 Commercial Mower, JD 600 5 Wheeler, Cub Lowboy, Cub 184 w/ Mower & Creeper Trans; Cub 184 w/Mower, IH Cub 154 Lowboy w/Woods Mowor & Snow Plow, Cub Lowboy w/Mower, Cub Cadet 782D, Cadet 1862, JD 935D Front Mower, JD 935 D w/ Front Mower, JD 400 w/Cab & 3 Pt, JD 318, 317, 214, 212, 210 160, JD 318 Blade & Snow Blower, Snowblower For JD 300 Series

New Yanmar YFL 1000 Ldr

SICKLE MOWERS NH 450, IH 1300

MANURE SPREADERS, New H&S #310 Tandem Axle Spreader NH 308 Tandem Scavenger, Badger 5800L 1500 Gal Tandem Tank w/Vacuum, Better Bilt 1500 Liquid Spreader, Clay 1500 Gal Liquid Spreader w/Vacuum Martin V3300 Tandem Tank

New Killbros Bins & Running Gears

MISC Walinga 510 Agri-Vac, Hinson 812 Grain Cart Artsway 800B Feed Mix Wagon (New) Mayrath 32' Elevator Riteway Rock Picker Rock Picker JD Quick Couplers, JD WF, 4WD I H Flat Top Fenders For 706 1466, I H 66 Series Cabs Damaged IH 84 Series Cab, J D & I H Front & Rear Wts, New WFE For Ford 7700, Case Motor For 970 J D Roll-Guards

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Steiger Bearcat w/3 Pt & Duals	$ 6,975
COMBINES	
1973 JD 6600 D. C A w/Grain Head	$ 3,500
IH '76, 915 D, Cab & Air, Turbo Hydro w/810 grain	$ 6,900
IH 715 Gas w/Cab & 810 Grain	$ 3,900
M F 510 Diesel w/Cab & Q T Grain	$ 2,500
JD 4400 Gas	$ 3,000

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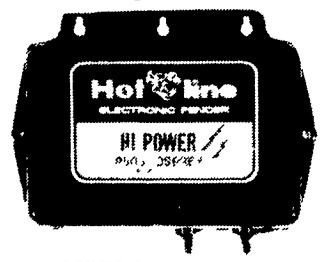

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JD 450 17x7.5 Grain Drill w/grass seed att. $5,875
JD 148 Loader w/85" Bucket...$4,300

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MS325 Spreader.....$6,150
MS175 Spreader.....$3,895
SL5620 Skid Loader $18,440

NEW BRILLION EQUIPMENT
BRS 6302 6R Cultivator.....$2,640
SSLP Grass Seeder.....$1,950

USED TRACTORS
JD 4250 .....$39,900
Farmall 460 Gas... .....$2,595

USED EQUIPMENT
White 543 4R Planter.....$1,975
JD 50 Box Scraper, 5½ '.....$350
JD 630, 6R, 3 Pt. Cultivator.....$1,500
Glenco 12' field cultivator $1,395
NH 451 3 pt. mower.....$1,795
Brillion LGS 1441 12' Pulverizer.$695
JD 483 MoCo.....$650
JD 5200 SP Harvester w/Dura/Drum w/3R Heads, 7' PU..... .....$29,900
JD 5440 self propelled harvester, w/4WD w/3R head, 7' pu.....Call
Badger BN1040 Blower.....$325
JD 336 Baler w/30 Ejector .....Call

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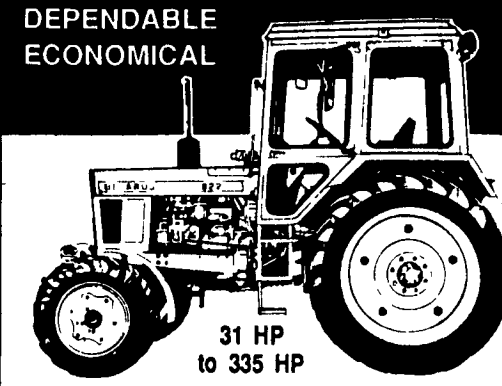

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Glenn Bollinger and Jere Patches Attend Major Tractor Introduction

KANSAS CITY, Mo. (March, 1993) - Glenn Bollinger and Jere Patches, of G&D Farm Equipment Co., located in Manheim, PA, recently attended the official introduction of a state-of-the-art 18-speed full powershift transmission in a new line of White high-horsepower tractors. The program was sponsored by AGCO Corporation, the parent company of White Tractor.

"The introduction of the 6100 Series powershift tractors provides the AGCO White dealers with a completely new entry into the high-horsepower powershift market," said AGCO President and CEO Robert J. Ratliff. "Our White dealers now have a complete line of tractors ranging from 63 to 191 PTO horsepower — all in one color — all with the White name."

Glenn Bollinger (left) and Jere Patches (right) are shown in this photograph with Mr. Ratliff in front of the new White 6195 model powershift tractor. Over 700 White dealers and their sales people come from all over the country to attend the tractor introduction which included detailed tractor feature/benefit presentations, training seminars and an opportunity to drive the new tractors.

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NH 425

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JD 111 w/bagger

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NH 275 Baler w/Thrower
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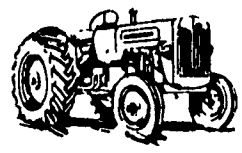

J.D. 4240, Kubota L2550 4WD w/ Loader, MF 65 w/loader, Oliver 88 Row Crop, Int. 606 Diesel Utility, Int. 504 Gas Utility, Int. 140's, Super A, 140's w/ Mid-Mount Mowers, AC-B & AC-C with Mid Mount Mowers, J.D.-AR, 3000 Ford, 2000 Ford, 9N Ford, 3400 Ford w/Loader, MF 50C w/ Loader, MF-20 w/Loader, New Woods 5215 Mow'N Machine w/21 H.D. Kubota Diesel Engine, Economy 14 hp. w/Mower & Snow Blade, Cockshaft 30, M.H. 22, New Arps 730 - 3 pt. Backhoe, N.H. LB620 Backhoe & Loader w/3 pt. Hitch Attachment, Maudlin Blacktop Paver w/Deutz Diesel & 8' Screed, General 1 Ton Roller, Huber F-1500 Grader, A.C. - 6G Crawler Loader, Cat 955H Crawler Loader, 1987 Superior 22 Ton Tag-A-Long Trailer w/ Air Brakes & Hyd. Ramps, K&D Forklift on Ford Trac., 1981 Int. Grain Truck Model S1800 w/DT 466 Diesel & 16' Body w/Metal Sides, New 3 pt. Fert. Spreader, 3 pt. Stone Rakes, 3 Pt. Box Scrapers, Regular & Heavy Duty 3 pt. Scraper Blades, Heavy Front Blades, New Woods Rotary Mowers 5' to 15' in Stock at Special Prices, Buy Now & Save!
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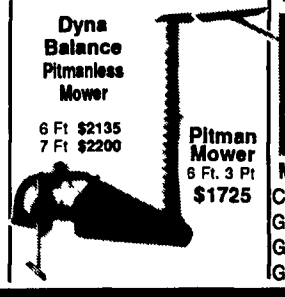

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$1725

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JD 650 3 PTH Rake
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JD 3960
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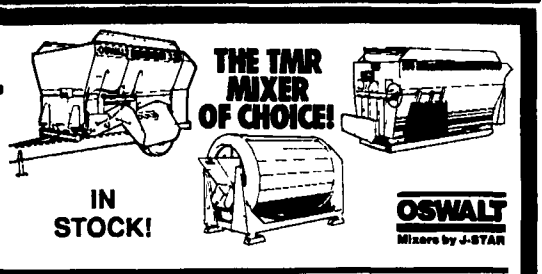

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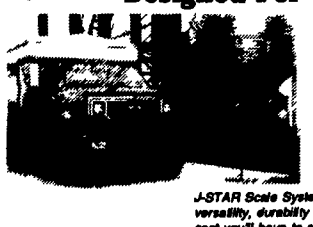

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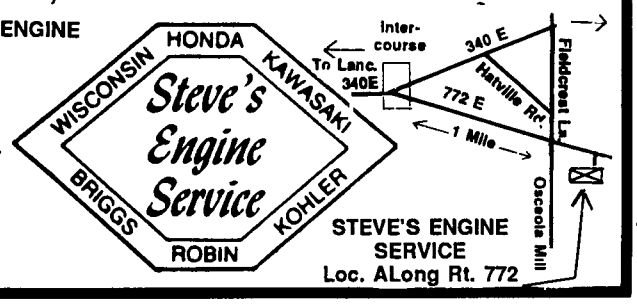

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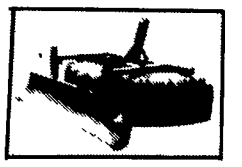

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5200 2WD
5400 MFWD
6400 CG

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JD 2440 w/hi-lo
JD A Unstyled oil peg, v.g.

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NEW
JD 915 Flexhead
JD 9400 Comb.

USED
JD 444 Cornhead
IH 303 Combine
10' G.H. 2 RW C.H.

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450 17DD drill

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AC 4 Row No-Till Corn Planter (Liquid)

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16A Flail Chopper
1219 Haybine
335 round baler
435 round baler

USED
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336 Baler
JD 894A Hay Rake
1327 Discbine

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AMT 622 nice
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Kvernland plows

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675

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JD 216 Forage Wagon w/Gehl Tandem ..... $ 1,750
JD 716A Forage Wagon w/12 Ton Chassis ..... $ 5,850
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HAY EQUIPMENT

JD 1219 Mower Conditioner w/Non-Clog Guards, Excellent ..... Coming In
NH 315 Baler w/Belt Thrower ..... Coming In
NH 495 Haybine ..... $ 4,000
Gehl 2350 Discbine 3 Yrs Old. ..... $ 4,500
Hesston 1014 12' Hydro Swing ..... $ 2,950
Hesston 1014 12' Hydro Swing, Non Clog Guards ..... $ 2,950
Oliver 520 Baler..... $ 300
NH 273 Baler w/Ejector $ 1,200

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JD 7000 6R Conservation, Dry..... $ 8,500

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JD 4400 Gas Combine..... $ 4,995
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JD 213 Flexhead, Yellow Reel ..... $ 1,500
IHC 6 Row Cornhead ..... $ 800

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Dual Wheels 18 4x34 Snap On, w/Tires..... $ 750
Kwik Way Blade 850 ..... $ 200
3 Pt. Green Blade ..... $ 100
Woods Belly Mower. ..... $ 300
Case Rotary Mower..... $ 100
JD 46A Loader ..... $ 500
JD 261 Grooming Mower..... $ 1,000

WINELAND EQUIP. INC.

RD 2 Rte. 164 East
Martinsburg, PA 16662
Phone 814-793-2109

SINCE 1936

M.M. WEAVER & SONS, INC.

MASSEY-FERGUSON

Leola, PA 17540 Phone: (717) 656-2321

Located: 4 miles West of New Holland on Rt. 23, 1½ miles Northeast of Leola on the No. Groffdale Rd., 1 mile on the right, opposite Groffdale Mennonite Church.

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LATE MODEL MF USED COMBINES

1986 MF 860 With 9115 Floating Grain Head & 1163 Corn Head, 2400 Hrs. **$52,000**
1983 MF 860 With 9115 Floating Grain Head & MF 1163 Corn Head, 2800 Hrs. **$32,000**
1982 MF 860 With 9115 Floating Grain Head & MF 1163 Corn Head, 2860 Hrs. **$34,000**
1982 MF 850 With 9113 Floating Grain Head & MF 1163 Corn Head, 4680 Hrs. **$25,000**

USED TRACTORS

JD 2440 60 HP, With Loader **$10,500**
MF 3660-4, 140 HP, 814 Hrs. **$52,000**
MF 3525-2, 110 HP, 2882 Hrs. **$18,500**
MF 2745-2, 143 HP, 2583 Hrs. **$12,000**
MF 374-4 With Loader, 57 HP, 735 Hrs. **$21,000**
MF 1085, 82 HP, 3568 Hrs. **$8,500**
MF 1085, 82 HP, 3980 Hrs. **$7,500**
MF 1080, 82 HP, 5516 Hrs. **$5,000**
MF 285, 82 HP, 6160 Hrs SOLD **$8,000**
MF 1020-4, 21 HP, 224 Hrs. **$5,500**
MF 1030-2, 26 HP, 232 Hrs. **$6,700**
MF 1030-4, 26 HP, 531 Hrs. **$8,000**
MF 1035-2, 31 HP, 185 Hrs. **$7,600**
MF 1045-2, 35 HP, 262 Hrs. **$7,900**
MF 40 With Loader, 3170 Hrs. **$4,700**
MF 30 With Loader, 668 Hrs. **$19,500**
MF Loader Backhoe, 2956 Hrs. **$8,500**
MF 35 With Loader **$4,500**
MF 135 Diesel, 3540 Hrs. **$4,800**
MF 1020-4 w/Loader **$9,500**
IH 86 Hydro **$8,500**

HAY EQUIPMENT

Demo MF 228 Baler With Thrower **$11,000**
Demo Vicon 1511E 5x6 Round Baler **$9,900**
Demo MF 5 Big Square Baler **$36,000**
Used Vicon 1211 E 4x5 Round Baler **$6,500**
Demo Vicon 321 Disc Mower Conditioner **$12,500**
Demo Vicon 216 7 Ft. Disc Mower **$3,900**
Lucknow Tub Grinder **$5,900**
Teagle Bale Shredder **$1,900**
Vicon RS740 Tedder 24 Ft. **$4,500**
Pequea Hay Tedder **$1,330**
6 Like New 8x24 Ft. Flat Wagons ..... @ **$1,200**
NH 851 Round Baler **$4,250**

DEMCO 500 GAL. TANDEM SPRAYER

- 45' Boom
- Centrifugal Pump
- Hydraulic Drive
- Foam Marker
- 3 Yrs. Old

$4,500 FIRM

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Glenco 7 Tooth Soil Saver **$5,900**
M&W 5 Tooth V-Ripper **$5,700**
Vicon 18 Ft. Field Cultivator **$6,900**
IH 5-16 Spring Trip Semi Mtd. Plow **$950**
Oliver 10 Ft. Transport Disc Harrow **$1,100**
MF 2-16 Spring Trip 3 Pt. Plow **$650**
Dunham 14 Ft. Cultipacker **$1,875**
Yetter 3 Pt. Rotary Hoe **$2,695**
Buffalo 6 Row Cultivator-Ridge-Till **$7,900**
Pequea 6 Row Cultivator **$2,100**

MANURE & FEED MIXER EQUIPMENT

New Better-Bilt 2500 Vacuum Manure Spreader SOLD **$9,500**
NH 791 Tandem Axle Manure Spreader **$2,700**
S.F.M. 1100 Gal. Slinger Manure Spreader **$4,900**
Knight Mixer Feeder With Scales **$4,500**

ROTARY CUTTERS & EQUIPMENT

Wood HD 315 Hydraulic 15 Ft. Bat Wing Mower **$7,500**
Hiniker Brady 12 Ft. 1000 RPM Shredder **$5,500**
Woods 60 HP Rated 8 Ft. 3 Pt. Blade **$650**
Low Cost 7 Ft. 3 Pt. Blade **$305**
Sweepster 3 Pt 6 Ft. Rotary Broom **$700**
Myers Front Tractor Mtd Snow Blade **$1,250**
Brady 7 Ft. Flail Chopper **$2,500**
Danuser 3 Pt. Post Hole Digger **$680**
Shaver 3 Pt. Hydraulic Post Drive **$2,500**
Brady 12 Ft Flail Shredder **$5,500**

TOP AIR, The Only Guarantee You Need!

You, your equipment, and the long acres ahead. The last thing you need are problems with your spraying equipment. Top Air engineers it's spraying equipment with superior materials, quality workmanship, and such confidence, it offers a 2 year warranty on the frame.

Top Air builds a system to fit your needs, from 14 gal. lawn sprayers to 1000 gallon field sprayers, saddle tanks designed to fit tractors with front wheel assist, pickup sprayers, elliptical trailer sprayers and the new, versatile, "Masterlink" which can be used as an in-between unit or as a trailer sprayer. Self leveling booms are available from 30' to 60'.

Call Us Today For More Information & The Only Guarantee You Need! Toll Free 1-800-553-3307.

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Self propelled forage harvesters for highest capacities and universal operation

CLAAS JAGUAR self propelled forage harvesters are professional machines. Profitability demands high working quality and high speed of operation. This can be achieved with advanced technology and fully matured machinery. Today's farmers and contractors make competent decisions. These professionals have made the CLAAS JAGUAR Europe's number one.

Discover CLAAS

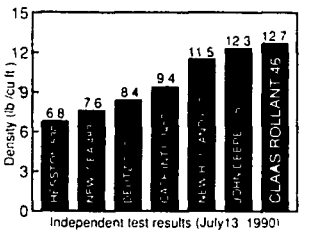
THE HARVESTING SPECIALIST

MYTH NO.1

"Variable chamber balers produce denser bales."

FACT: No other round baler on the market matches the density of a Claas fixed chamber baler. Independent government tests prove bale density from the Claas fixed chamber system exceeds all variable chamber balers tested (it beats some competitors by up tp 45%)

Fact is, greater density means fewer bales per acre. And that means more efficient feeding



SEE YOUR CLASS DEALER FOR ALL OF THE FACTS BEFORE YOU BASE YOUR BALER PURCHASE ON FICTION.

Who makes the most practical tractors?

Last year, more value-minded farmers picked Massey-Ferguson than any other make.

In fact, one of every five tractors now sold in the Western World is an M-F. Which makes Massey-Ferguson the Western World's largest tractor manufacturer.

One of the big reasons for this popularity is the great value of the 50-90 PTO hp line of M-F 300 Series tractors.

They all give you the torque, economy and reliability of world-famous Perkins diesel engines and all the advantages of advanced Ferguson system hydraulics. Plus you get the practical features you want, like hydrostatic steering as standard equipment.

Massey-Ferguson engineers put a lot of time and effort into designing these tractors to save more of your time and effort. They're incredibly easy to operate and maintain. And they have one of the best reliability records of any tractor ever made.

We'd like to show you why an M-F 300 Series tractor can be the best value for your hard-earned investment.

Practical choices.

MODEL	M-F 362	M-F 375	M-F 383	M-F 390	M-F 390T	M-F 399
HP*	55	60	73	70	80	95

* Manufacturer's rated PTO horsepower. All models available with 2 or 4-wheel drive. Some can be equipped for Wide Row Crop or Low Profile applications.

THE ONE TO SEE

New QUADRAM 1000 Series Engines Now in MF 399. Side Console Shuttle Shift Available in Cab Models!

MASSEY-FERGUSON

M.M. WEAVER & SONS, INC. Leola, PA 17540 717-656-2321

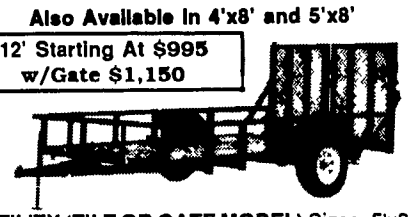
1 FARM EQUIPMENT

Rough Oak Floor
8½ ' L x 7½ ' W
Special $450

REPLACEMENT TRUCK BED
8½ ' L x 7½ ' W, 10' L x 7½ ' W,
12' L x 7½ ' W
Wood or Steel Floor

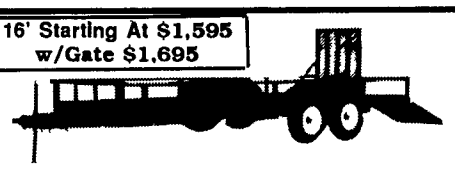
Also Available In 4'x8' and 5'x8'

12' Starting At $995
w/Gate $1,150



UTILITY (TILT OR GATE MODEL) Sizes 5'x8', 5'x10', 6'4"x10', 6'4"x12', 3000# GVW

16' Starting At $1,595
w/Gate $1,695



UTILITY WITH GATE - SIZES 12'x76", 14'x76", 16'x76" 18'x76", 18'x81", 7,000# GVW, 20'x81" 12,000# GVW

Also Available In Car Haulers 16', 18' 7,000# GVW

FLAT BED: Sizes 16'x76", 18'x76", 18'x81", 8,000# GVW, self storing 80" long ramps

STARTING AT
$695.00

Car Dollie

International Farm Equipment

- 1 & 2 Bottom Plows
- Discs 4' - 8'
- Blades 5'-8'
- Box Blades 4'-8'
- Stone Rakes 5'-8'
- Post Hole Diggers
- 1 Row Cultivators
- Dirt Scoops
- Boom Poles
- Rear Carriers
- Chipper-Mulcher
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 3'-11'
- 4'-7½ ' Finish Mowers
- Bale Carriers
- Sickle Mowers
- Rototillers
- Log Splitters
- Truck Beds - 8' to 12'

Over 300 Trailers In Stock
Starting At $495.00
50 Different Models
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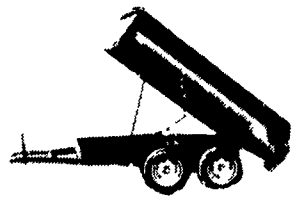
DEALERS WANTED

HIGHWAY HYDRAULIC DUMP



10' Starting At $2,695

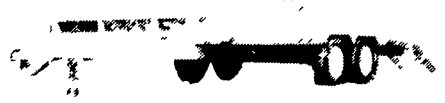
ALSO AVAILABLE IN DROP AXLE IN 12' TO 16'

CONSTRUCTION (LOW DECK) 16'x76", 18'x81", 20'x81" 8,000# or 12,000# GVW

Starting At
$3695 w/4'
Adj. Tail

GOOSENECK SIZES: 20'x8', 12,000# GVW, 24'x8' 18,000# GVW.

Also: 18'x8' 6 Ton, 20' to 24'x8' 9 & 10 Ton



DECK-OVER CONSTRUCTION

16'x8' 7000# GVW	$2,695
18'x8' w/Tail 10,000# GVW	$2,995

KUTZ FARM EQUIPMENT, INC.
Pine Grove, PA (717) 345-4882
8 AM-5 PM MONDAY TO FRIDAY
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Martin Tractor

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Used Tractors

- IH 826 Hydro $7,000 • IH 560 $2,000
- Oliver 1655 $4,500 • JD 402(SOLD)00
- MM G1000 Vista $3,500 • MM 670 $2,500.

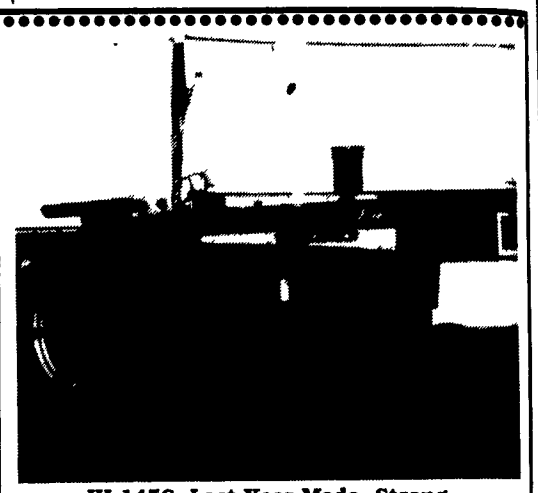
Used Tractor PARTS

SGB For JD 4230

Most Makes And Models
Have Large Selection

Recent Arrivals: IH 656; JD 4430 SGB; IH 354, IH 560, IH 1466, IH Hydro 70, IH 806, AC 175; Case Vac; JD 3020; JD 4020 (1971).

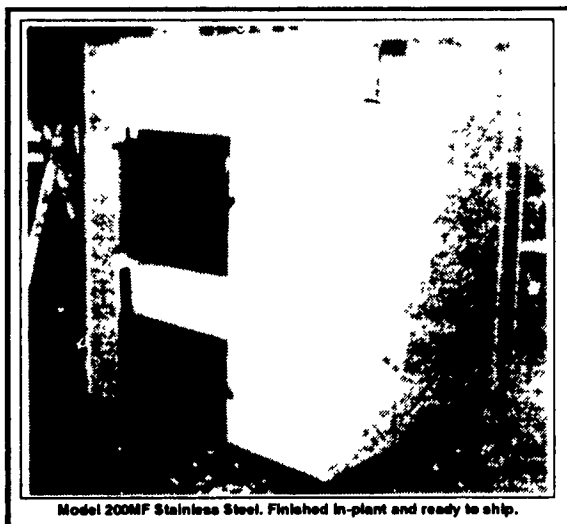
Call (717) 776-7542
for detailed information
MON-FRI 8-5 SAT 8-12
No Sunday Calls Will Ship UPS
No Out-Of-State Personal Checks



IH 1456, Last Year Made, Strong
$5,800

JD 1020 gas, new rubber, wts.	$3,800
IH 544, TA, Dsl Row Crop	$4,900
IH 826 TA, new rubber	$5,700
IH 1456, 1971, Dual PTO	$5,800
IH 1086 cab, dual PTO	$8,500
IH 1586, Cab, TA, Duals	$8,900

(717) 532-8926 No Sunday Calls



Model 200MF Stainless Steel. Finished in-plant and ready to ship.

Get Comforting Heat and Efficiency.

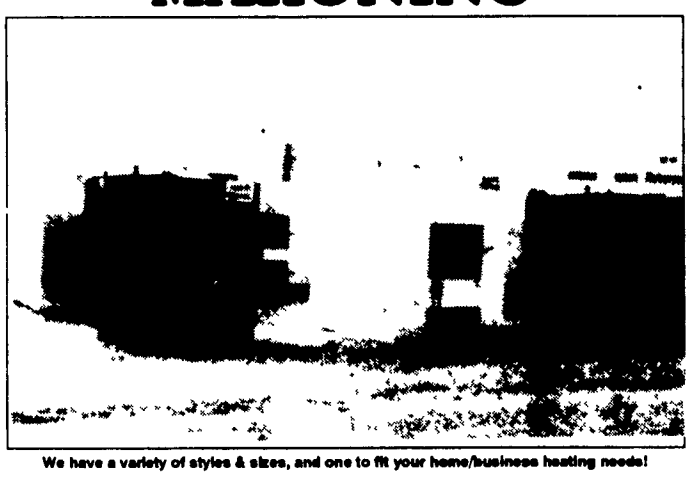
The Mahoning Outdoor Multi-Fuel Furnaces provide thermostat controlled heat by economically burning wood, coal or fuel oil The furnace is placed 25-100 feet outside the structure to be heated, connections between the furnace and building are buried underground Wood or coal is the primary burning fuel lasting 8-12 hours in the furnace For convenient, automatic firing the separate oil burner combustion chamber can provide heat until wood or coal burning is desired Both Wood/Coal & the Fuel Oil burners are enclosed to heat the same water tank The purpose of the firebox is to heat the water-filled tank surrounding the outside unit, this heated water is then circulated through underground pipes into your home A heating coil is installed inside your existing heat system The thermostat controls the blower which picks the heat off the coils and delivers warm air through existing ducts and registers There are safeties which eliminate the danger of over-pressurizing the system and automatic shutdown in case of a power failure The Mahoning Outdoor Furnace can also be connected to an existing hydronic heating system, that operates at 180° F or less, using fin tube baseboard, cast iron radiators or hanging hydronic heaters Only the thermostat and heating coils are installed inside your home, eliminating open fire dangers, smoke, dust and messy kindling wood boxes Adjust the thermostat for the Mahoning Outdoor Furnace to your comfort setting and it automatically controls the water pump and blower to circulate heat to your home You may set the thermostat for your existing heat system to back-up the Mahoning Outdoor Furnace when not in operation or in case the firebox is left to burn out An Aquastat senses the temperature of the water in the outside unit and automatically adjusts the combustion rate to maintain the correct temperature (normally 160 degrees)

Hot Water too...!

A Mahoning Outdoor Furnace is a heat exchanger By running a cold water line from your home to the outside unit, fresh household cold water can be heated and returned to the hot water plumbing in the house A tempering valve adjusts the hot water at the faucets to a range of 120° to 160° This boiler system will adapt to any existing plumbing Heat your pool & hot tub with energy generated by a Mahoning Outdoor Furnace!

For more information see your nearest dealer.

MAHONING



We have a variety of styles & sizes, and one to fit your home/business heating needs!

OUTDOOR FURNACES

Cut Your Heating Costs With Our Outdoor Furnace!

WOOD • COAL *– STANDARD MODEL –*
WOOD • COAL • OIL *– MULTI-FUEL MODEL –*

Approved for Natural or LP Gas
Heat Your Home, Farm or Commercial Buildings with Mahoning Outdoor Furnaces

Safe - Efficient - Durable

Look at what makes the Mahoning Outdoor Furnace a great purchase...

CLEAN. All dirt, dust, fuel and fire is outside No chance of chimney fire or flue fire

ELIMINATES AIR POLLUTION IN THE HOME. Smoke, fuel odors and other causes of allergies are outside the home

SAFE FOR MOBILE HOMES. Eliminate a danger that other furnaces contained in a mobile home can cause

NO DANGER OF EXPLOSION. This is a zero pressure furnace.

ENCLOSED COMPONENTS. The circulation pumps and electrical connections are enclosed in an insulated cabinet on the back of the Mahoning Outdoor Furnace

ADAPTABLE. Install our furnace in any forced air heating or hot water system

OUTSIDE SHAKER HANDLES. Coal burning and ash removal made easy

• CATALYTIC COMBUSTOR •

With the aid of Corning Company, we were able to design a catalytic combuster unit that is proven to provide the following:

1) Cut emissions by 90%.
2) Improve burning efficiency by 50%.
3) Efficiency rating of 83 to 85%.
4) Makes furnace more user friendly & neighborhood acceptable.
5) No more smoke belching!
6) Use 1/3 less wood to heat your home!

Proudly Built in Indiana County Pennsylvania

MAHONING MANUFACTURING

Mahoning Outdoor Furnace Co.
R.R. Box 210, Rochester Mills, PA 15771 (412) 286-9959

FOUR SIZES:

Standard Model – Wood or Coal
Multi-Fuel Model – Wood, Coal or Oil

Model 100S both supply up to 100,000 BTU's per hour	
100MF	24 inch long fire box
Model 200S both supply up to 200,000 BTU's per hour	
200MF	36 inch long fire box
Model 300S both supply up to 300,000 BTU's per hour	
300MF	48 inch long fire box
Model 400S both supply up to 400,000 BTU's per hour	
400MF	60 inch long fire box

Models and specifications subject to change without notice.

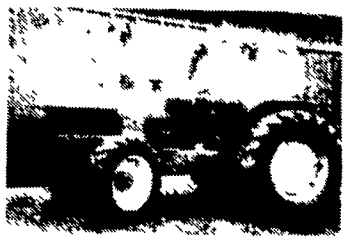
MAHONING OUTDOOR MULTI-FUEL FURNACE

CONSTRUCTION FEATURES:

- 22 ga. steel exterior
- 1/4 in. plate steel firebox
- 3 ft. smoke stack of 26 ga. stainless steel (9 ft. opt.)
- 3/16 in. plate steel water tank
- 2 in. foam insulation board cover underneath
- 8 in. legs with skids for easy handling
- Shaker grates with external shaker handle.
- Large ash pit and large clean-out door for easy ash removal.
- Furnace water level gauge and water temperature gauge.
- Primed and painted finish (stainless steel opt)
- Burns wood cut 24" to 60" depending on model

Shaker Grate with Exterior Shaker Handle makes ash removal easy.

LOOK TO MAHONING OUTDOOR FURNACE FOR EASY, WARM INEXPENSIVE LIVING!



For Sale: Ford TW30
w/Cab, 4 WD, 1980 Model Year,
8200 Hours
$12,500
717/865-3602

Daffin Feed Grinder/Mixer
On IH With 4-53 Detroit
Runs and Operates
$1500 Or Offer
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Hex Head Bolts
Grades 2, 5 & 8
Mix or Match - Only $50.00 per 100 lb.
(Minimum Purchase $50.00)
Various Sizes Available
Ask For List
Approx. 30,000 Lb.
(Lot Price Is Negotiable)
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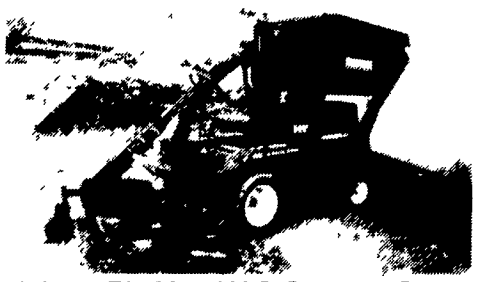
LAGOON PUMP
Used - Houle 32'
Lagoon Pump
Pumped Less Than
30 Loads
Like New
$9,000
215-932-5760
After 6:00 P.M.

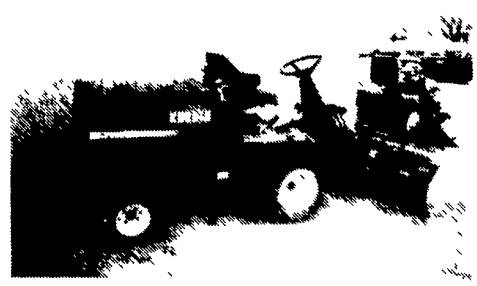
Special Spring Sale!

NICARRY EQUIPMENT, INC.

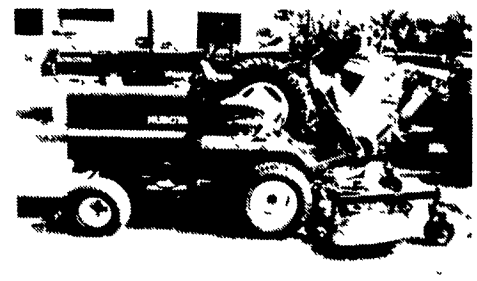
Special Hours:
MON. TO FRI.
8 to 8
Sat. 8 to 3



Kubota F2100 w/VAC System, Only 130 Hrs., Balance Warranty .....Only $14,500

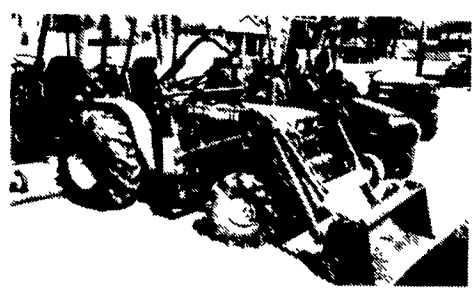


Kubota F2000, 4x4 w/60" Deck And Snow Blade.....$9,275

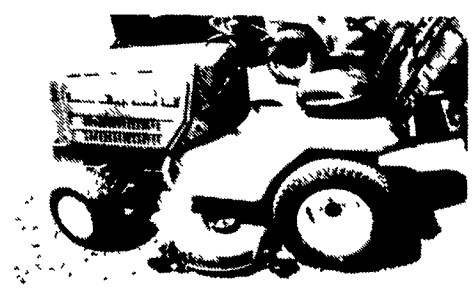


Kubota F2100, 4x4 w/60" or 72" Mower, Very Nice.....$9,500

Kubota L2550, 4x4 w/Loader, Very Clean Tractor.....$11,900

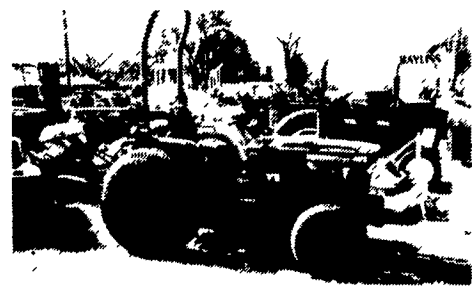


Kubota B8200, 4x4 Hydro w/New Kubota Loader, Low Hrs.....$8,900



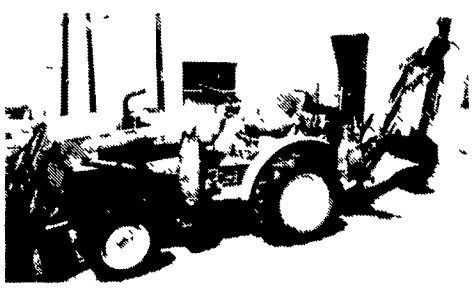
Kubota G6200 w/48" Mower, Nice Condition.....Only $3,500

Kubota L185 w/60" Woods Belly Mower, Very Nice Cond. $5,200

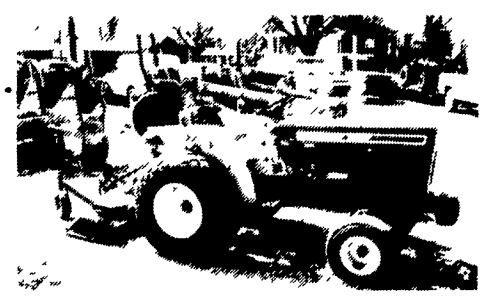


Kubota B8200, 4x4 w/New 60" Belly Mower ..... Call!

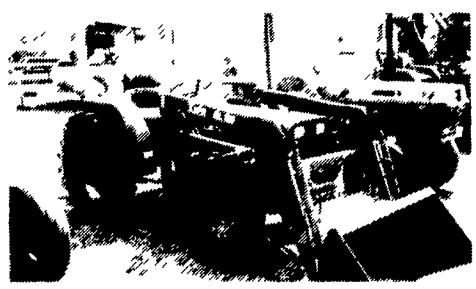
IH 284, New Paint, Very Nice Condition.....$5,900



Ford 1210 4x4 Hydro w/Loader & Backhoe, Needs Some Repair $8,900

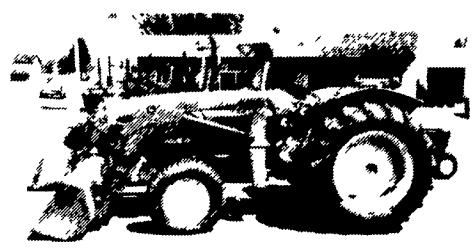


Ford 1300 w/Rear Finish Mower, Must See ..... A Cream Puff!



Kioti 22 HP 4x4 w/Loader, Only 93 Hours. .....Only $10,500

JD 750, 4x4 w/Loader, Very Nice.....1,300 Hrs.



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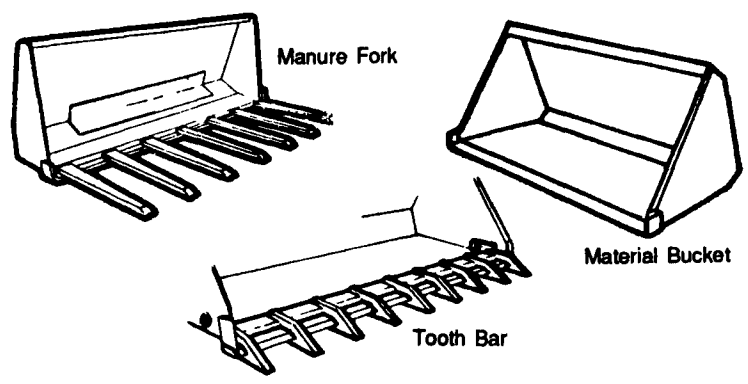

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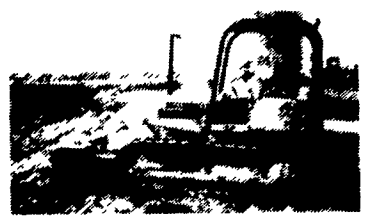

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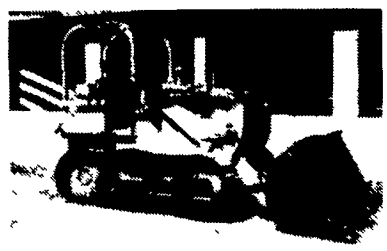

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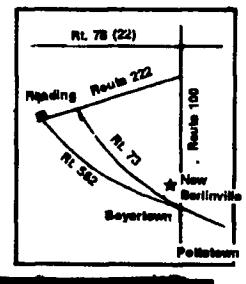

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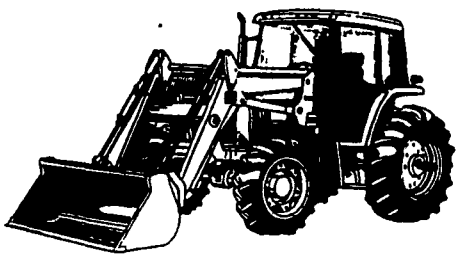

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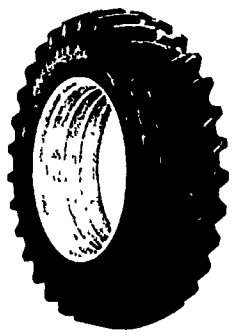

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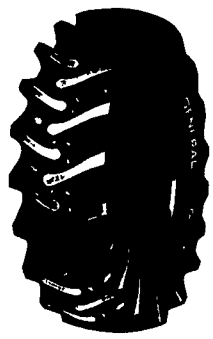

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R12202 C/IH 7130 [SOLD]991, 800 Hrs.-Duals $64,000.00
R05071 IH 5488 2WD 1982, 3000 Hrs.-Duals $32,500.00
R09231 IH 5288 2WD 1982, 3810 Hrs.-Snap On Duals $25,000.00
R12362 IH 5288 2WD 1984, 5224 Hrs.-Duals $27,500.00
R03181 IH 1586 2WD 1977, [SOLD]4 Hrs.-Snap On Duals $14,500.00
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- Case 1835 Gas
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- Case 1845 Diesel
- NH 555 Skid Loader

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- NI 404 Rake
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1971 JD 350B w/ROPS, VG bottom	$13,500
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1987 JD 750B w/Rops, 1800 hrs.	$42,000
1979 JD 850 Dozer, Tilt Blade & Pin On, Root Rake	$28,000

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1986 JD 25 Excavator, 2513 Hrs., New Tracks	$15,000
1988 JD 70D w/blade, long stick, 1350 Hrs.	$39,000

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New JD 350 Crawler Loader Series 4-1 Bucket Replacement clam and back	$1,500
JD 603 Rotary cutter	$700
3 Yd. 444E Material bucket, new	$2,400
New York Rake RW 7' all options	$1,600
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New 3 pt. Hitch log splitter, uses tractor remote cylinder	$350
Target Concrete Paver saw, 14"	$850

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1973 Gas International 1800 tandem dump truck	$5,500
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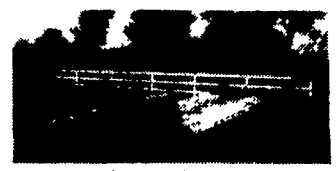
$1,850



25 Ton Hyster Lowboy, Will Take Tandem Tractor, 8.25x15 Tires, Beavertail, Good Condition.
$4,900

Transport 35 Ton Detachable Trailer, Pony Motor, 15" Tires, Good Condition, Non-Ground Bearing.
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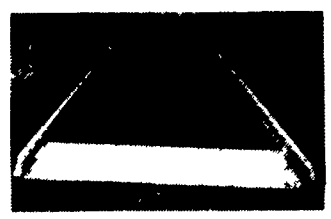

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Insley H1000 Excavator, Excellent Undercarriage, GM Diesel, Runs Good, Good Bucket, Reasonable.
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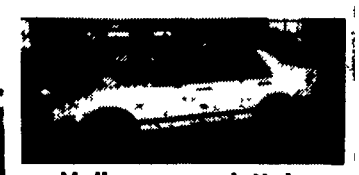

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$3,400
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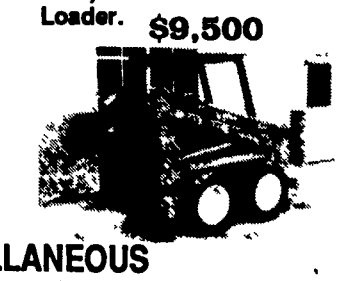

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Case 350 - 1971 - Diesel	$6,900
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JD 450B - ROPS - 1972	$9,900
Cat 977K - ROPS - 1970	$11,500
JD 350C - With Hoe - 1977	$12,500
Cat 941B - 1974 - 4 In 1 - ROPS	$16,500
Cat 951C - ROPS - 1974	$17,500
Case 1150C - ROPS - 1981	$19,500
Case 455C - ROPS - 1986	$22,500
Case 1155D - 4NI - 1983	$26,500
CAT 983 - Cab - 1969	$35,000

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Hoe Attachments	From $2,000
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IH 260A - Diesel - 1979	$8,900
Ford 550 - Cab - 1975	$9,500
IH 270A - 1979 - Diesel	$9,900
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JD 440C - Diesel - 1980	$22,500

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AC 614 - Gas - Air Tires	$3,900
TCM 3000 Lb. - Gas - Air Tires	$6,900

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(50) Loader Buckets	COME SEE
(50) Set Forklift Forks	COME SEE
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Ripper For Crawler	$1,000
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1 Ton Roller - Vib. - Gas	$1,350
Sweeper - Pull Type - Gas	$2,000
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Joy 150 Diesel Air Compressor	$2,900
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IH 140 w/Power Broom- 1972	$3,900
Sullair 185 Diesel Air Compressor	$3,900
(7) Sheeps Foot 2 Drum Roller	$2,500/$4,500
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JD 5010 Scraper	$4,900
Construction Ramp, 36' Long	$6,900
(2) 1R 185 Diesel Compressor - 1989	$6,500-$7,500
Huber 1500 Grader - Diesel	$7,900
1R 160 Diesel Compressor - 1990	$8,500
Advance Retriever 6600G Sweeper	$8,900
JD 760 Scraper	$9,900
Insley H1000 Excavator- 1974	$13,500
(2) Tampo RS28B 84" Vib. Roller	$16,500-$18,500

(5) TRUCKS/CARS

1986 Volkswagon Jetta GLI-Auto	$3,400
1972 Ford F600 Dump - Gas	$3,900
1987 Volkswagon Jetta GL-5 Speed	$4,500
1988 Volkswagon Jetta GL-5 Speed	$6,400
1989 Acura Legend L Sedan-Auto	$15,900

(2) SKID LOADERS

JD 90 - Gas - 1980	$4,000
Caso 1818 Diesel - Demo	$8,400

(8) DOZERS

IH TD5 - Winch - No Blade	$2,500
JD 350B - Diesel - 6 Way - ROPS	$8,500
JD 350C-6 Way - 1984	$12,500
Case 350B - ROPS - 6 Way- 1980	$12,500
JD 450B - 6 Way - ROPS - 1973	$12,500
IH TD7E - 6 Way - 1984	$17,500
Komatsu D65E - ROPS - 1976	$19,500
JD 450G - ROPS - 6 Way - 1988	$32,500

(26) TRAILERS

1979 3 Axle Tag-A-Long - 12 Ton - 8x18	$1,850
(2) 1992 5 Ton Tag-A-Long - 6x16	$1,995
(4) 1993 5 Ton Tag-A-Long - 6x16	$2,095
(5) 1993 5 Ton Tag-A-Long - 6x18	$2,195
1977 2 Axle 7 Ton Tag-A-Long - 8x18	$2,400
1978 3 Axle 11 Ton Tag-A-Long - 8x18	$2,700
2 Axle 12 Ton Tag-A-Long - 8x21	$2,900
18 Ton Tag-A-Long - 8x17	$2,900
1993 5 Ton Tag-A-Long - 8x18	$3,250
13 Ton 3 Axle Tag-A-Long - 8x20	$3,400
1984 11 Ton Tag-A-Long - 8x20	$3,500
Rogers 35 Ton Lowboy - 8x27	$3,900
1987 10 Ton Tag-A-Long - 8x23	$4,200
Hyster 25 Ton LowBoy - 8x27	$4,900
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1980 20 Ton Tag-A-Long w/Air	$6,900
1973 Transport 35 Ton Detachable - 8x30	$9,900

(6) RUBBER TIRE LOADERS

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Case W20 - Cab - 1978 — 2 Yd.	$18,500
Michigan 45C - 1979 - Cab - 1.75 Yd. - Bkt. & Forks	$21,500
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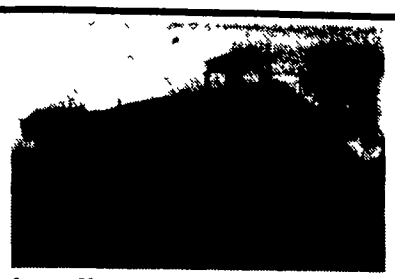

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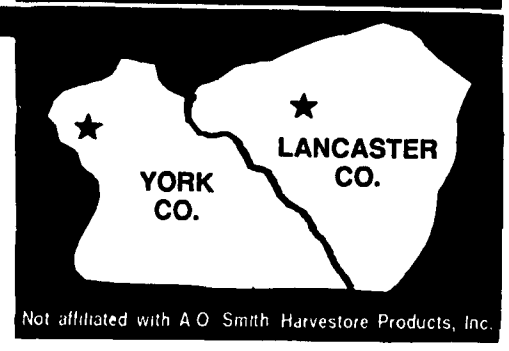

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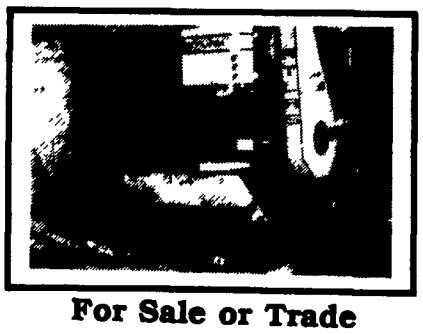

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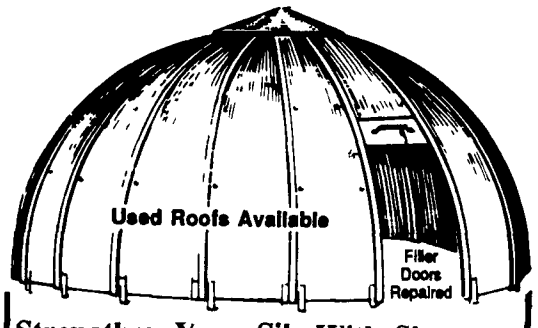

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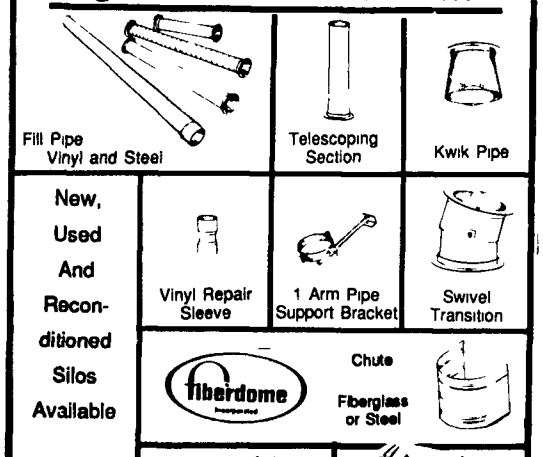
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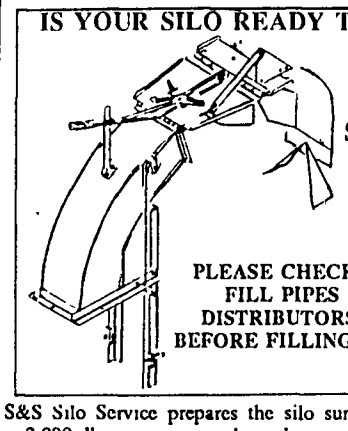

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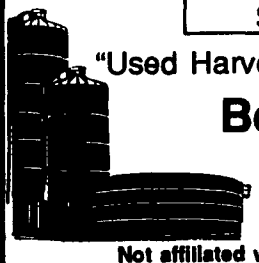

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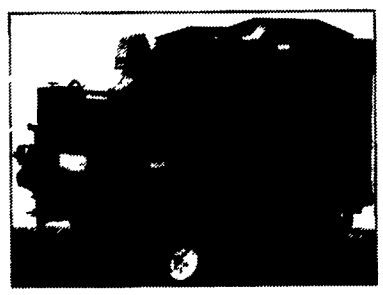

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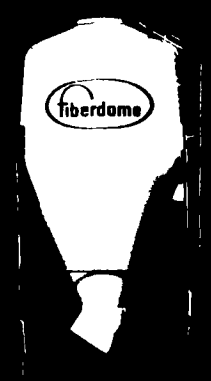

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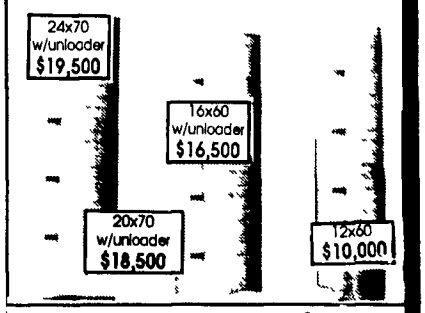

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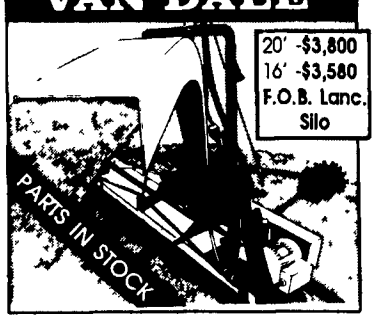

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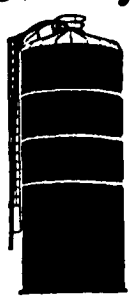

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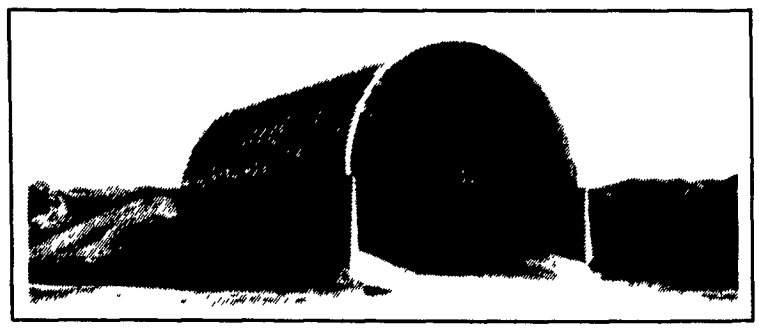

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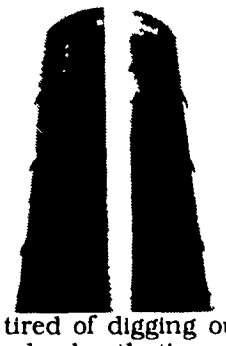

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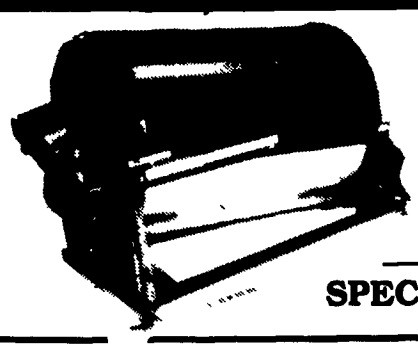

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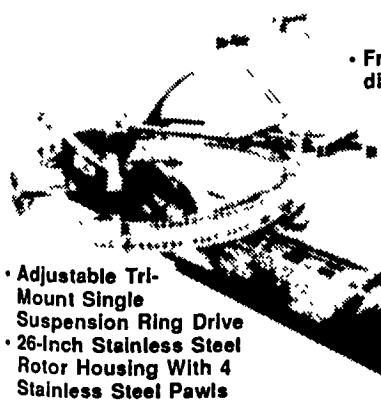

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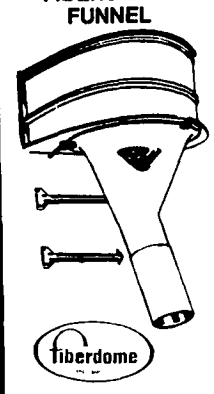

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From left: Sue Philbrick, Herdsperson; Debbie Osborn, Jim and Sharon Osborn, Andy Ratcliff, Crop Manager.

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Started Purina Feeding Program September 1990

	Cows	RHA	% Fat	Lbs.	% Prot.	Lbs.
8-90	104	11843	4.56	541	3.77	446
2-93	139	15357	4.98	765	3.72	571

The Osborn's feeding program includes corn silage, soybean haylage, and alfalfa hay, Maxitech 40 concentrate with yeast and niacin, corn, corn distillers, whole cotton seed in a total mixed ration.

Heifers are fed corn silage, grass hay, and D&H concentrate with Bovatec.

Two of the cows projected to over 20,000 are pictured above:

Left: Highland Reliant D Daisy Ex 90
3-6 253d 16780m 5.2 fat 3.6 prot RIP

Right: Queen Acres Bernard Lola Vg 86
2-11 218d 15380m 5.0 fat 3.5 prot RIP

North Glade Feed and Purina Mills thank the Osborn's for their business and comments and wish them continued success.

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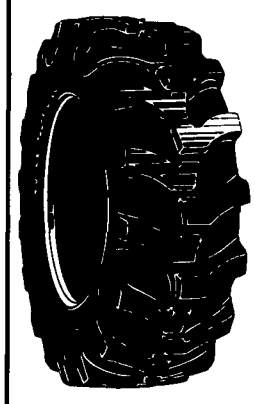

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16 9x24, 6 Ply	$260.00
16 9x24, 8 Ply	$292.00
14 9x26, 6 Ply	$233.00
18 4x26, 6 Ply	$329.00
18 4x26, 10 Ply	$400.00
23 1x26, 8 Ply	$675.00
11 2x28, 4 Ply	$160.00
12 4x28, 4 Ply	$180.00
13 6x28, 4 Ply	$192.00
13 6x28, 6 Ply	$220.00
14 9x28, 4 Ply	$210.00
14 9x28, 6 Ply	$225.00
14 9x28, 10 Ply	$370.00
16 9x28, 6 Ply	$270.00
16 9x28, 8 Ply	$310.00
16 9x28, 10 Ply	$352.00
16 9x30, 6 Ply	$300.00
18 4x28, 6 Ply	$390.00
18 4x30, 6 Ply	$355.00
23 1x30, 8 Ply	$790.00
24 5x32, 10 Ply	$920.00
16 9x34, 6 Ply	$340.00
18 4x34, 6 Ply	$360.00
18 4x34, 8 Ply	$425.00
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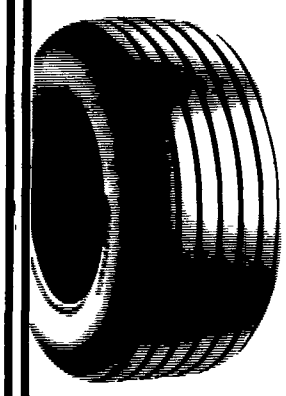
20 8x34, 8 Ply	$680.00
23 1x26, 10 Ply	$705.00
23 1x34, 8 Ply	$870.00
11 2x38, 4 Ply	$191.00
12 4x38, 4 Ply	$230.00
13 6x38, 4 Ply	$230.00
13 6x38, 6 Ply	$263.00
14 9x38, 6 Ply	$300 00
15 5x38, 8 Ply	$340.00
16 9x38, 6 Ply	$370.00
16 9x38, 8 Ply	$400 00
18 4x38, 6 Ply	$430.00
18 4x38, 8 Ply	$460 00
20 8x38, 8 Ply	$660.00
20 8x38, 10 Ply	$780.00

WAGON TIRES



26 1200x12, 4 Ply	$55.00
8 51x14, 6 Ply	$51.00
9 5Lx14, 6 Ply	$53.00
9 5Lx14, 8 Ply	$55.00
9 5Lx15, 6 Ply	$48.00
9 5Lx15, 8 Ply	$48.00
11Lx14, 6 Ply, Tubeless	$58.00
11Lx15, 8 Ply	$52.00
11Lx15, 10 Ply	$60.00
1000x15, 8 Ply	$73.00
11Lx15, 8 Ply Tubeless	$58.00
11Lx16, 8 Ply	$65.00
11Lx16, 10 Ply Tubeless	$88.00
12 5Lx15, 10 Ply	$72.00
12 5Lx16, 14 Ply	$98.00
12 5Lx15, 12 Ply	$110 00
14Lx16 1, 12 Ply	$172.00
16 5Lx16 1, 10 Ply Tubeless	$192.00
25x7 50x15, 4 Ply Tubeless	$51.00
25x7 50x15, 6 Ply Tubeless	$58.00
27x9 50x15, 4 Ply Tubeless	$63.00
27x9 50x15, 6 Ply Tubeless	$74.00
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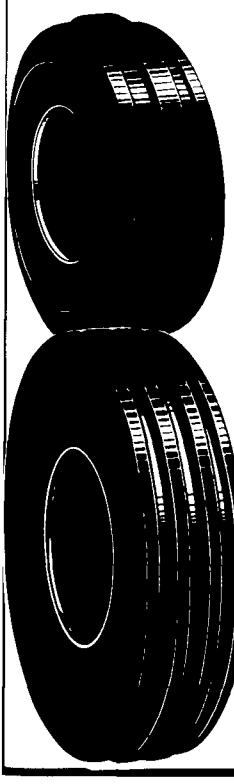

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600-16, 6 ply	$47.00
650-16, 6 ply	$51.00
400-12	$26.00
400-15	$28.00
400-19, 4 Ply	$36.00
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750L-15, 6 Ply	$57.00
750 16, 6 Ply	$63.00
750-16, 8 Ply	$68.00
750-18, 6 Ply	$76.00
750-20, 6 Ply	$88.00
9 5L-15, 6 Ply	$69 00
9 5L-15, 8 Ply	$76 00
10 00 16, 6 Ply	$89.00
11Lx15, 8 Ply	$87.00
1100 16, 8 Ply	$108.00
14L-16 1, 8 Ply	$215.00

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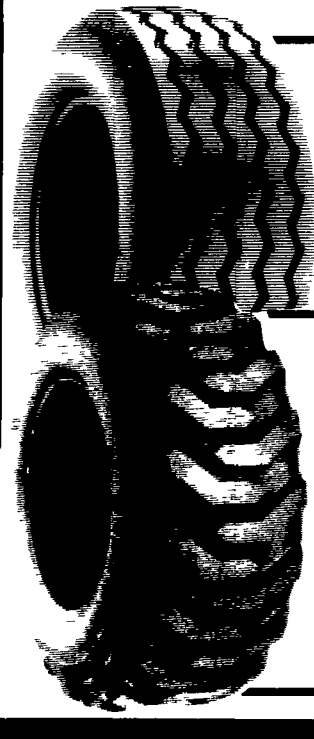
11L-15, 8 Ply	$91.00
10 00-16, 6 Ply	$90.00
10 00-16 (TL), 8 Ply	$132.00
11 00-16, 6 Ply	$98.00
11 00-16, 8 Ply	$105.00
11 00-16 (TL), 8 Ply	$140 00
14L-16 1 (TL), 6 Ply	$226.00
14L-16 1, 8 Ply	$213.00
16.5L-16 1 (TL), 8 Ply	$330.00

★ 5-RIB ★

1100x16, 12 Ply, Tubeless	$160.00



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11Lx16, 10 Ply	$95 00
11Lx15, 8 Ply	$90 00
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11Lx16, 12 Ply	$130 00
145 - 75 16 1, 10 Ply	$246.00

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9.5x24, 6 Ply	$128.00
11 2x34, 4 Ply	$180.00
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From Dairy and Animal Science at Penn State

COWS HAVE TO WATCH WHAT THEY EAT, TOO!

Gabriella A. Varga
Associate Professor
Animal Science

More than ever, people are watching what they eat — counting calories, limiting fat and cholesterol, and trying to make healthful food choices.

Nutrition, however, isn't just for people. To lead healthy, highly productive lives, cows also need the right amount of nutrients in their diets. But determining exactly what an animal should eat can be a complex undertaking.

It's hard enough to estimate nutritional requirements for humans, domestic animals, or any mammal with just a simple stomach. Imagine how difficult it must be to balance a diet for an animal with four compartments!

Dairy cattle require nutrients for maintenance, growth, reproduction, and milk production. If a dairy cow does not get the nutrients she needs, it affects the quality and yield of her milk, as well as her health.

As an animal nutritionist, I am looking for ways to help producers give their animals what they need for maximum health and productivity. And that includes watching their calories so they don't get too fat.

Ruminant nutritionists face special challenges, because ruminant stomachs contain billions of bacteria and protozoa, which help cows digest feeds that simple-stomached animals cannot. A symbiotic relationship exists between the cow and her digestive system, enabling her to convert forages and high-fiber plants into meat and milk.

Gabriella A. Varga

Before we can give the cow what she requires, we must make sure the microbes also receive their required nutrients. A better understanding of these microbes can help producers control what goes into milk and reduce feed costs.

As part of our ongoing research program, my graduate students and I are trying to better match the availability of carbohydrates and proteins to the rumen microorganisms. The microbes that grow and multiply during the fermentation process become a very important part of the nutritional requirement for dairy cows. These microbes contain 40 percent to 60 percent protein.

A Holstein cow synthesizes up to 5.5 pounds of microbial protein each day, which could account for 40 percent to 60 percent of the total protein needed for daily milk protein production of a high-producing cow.

So where does the cow receive the rest of her daily protein needs? Some of the protein escapes digestion by the rumen microorganisms and is absorbed in the small intestine. The amino acid profile of this protein has to exist in the right quantities and be of excellent quality to meet the demands for high levels of milk protein production.

Another area of our research involves using strategies that get essential nutrients past the rumen without being used by the bacteria for their growth and survival. This research may help farmers produce milk with a higher economic value if protein content is increased. In some cases it may also increase milk production.

When the present federal order pricing system began in the late 1940s, butterfat was the valued component in milk. Today, because consumers want lower-fat dairy products, butterfat is less important. More emphasis is being placed on protein. Some cheese plants in western Pennsylvania also offer a bonus based on protein percentage, because the more protein in fluid milk, the higher the resulting cheese yield. For a Jersey herd with a 3.8 percent average protein, this could mean an extra $.90 to $2.40 per 100 pounds of milk, if 15 to 20 cents per 100 pounds of milk is paid for each .1 percent protein above the 3.2 percent average.

Today's producers commonly add supplemental fat to a dairy cow's ration to increase milk production. But adding fat also causes the percentage of protein in the milk to drop about a tenth of a percent. The biological mechanism that causes this is not clearly understood. However, there appears to be a link between amino acids and milk protein synthesis. So, in markets where milk is priced on protein, dairy farmers may still wind up without a greater dollar return, despite the higher milk yield.

We at Penn State have been studying the use of ruminally protected amino acids since 1986. Larry Muller and I have demonstrated that milk protein percentage can be increased on certain diets. We were also interested in finding out whether feeding rumi-

(Turn to Page E3)

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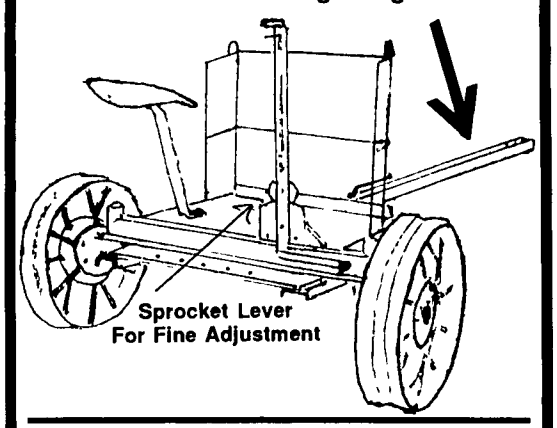
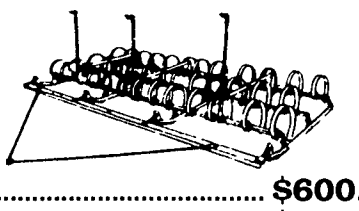


SPRING HARROWS



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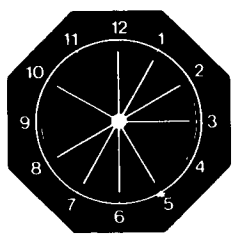
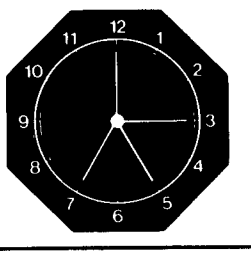
DRAG AUGER FEEDING SCHEDULE?



BIG DUTCHMAN CHAIN FEEDER FEEDING SCHEDULE!



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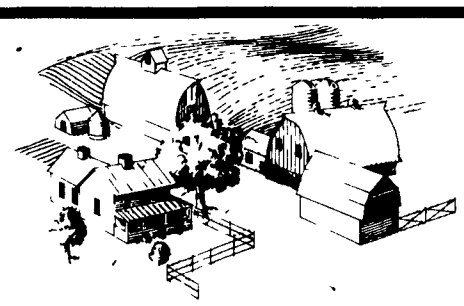

FAR MANAGEMENT

SELECTING A FARMING ALTERNATIVE PART III

Duane L. Stevenson, Jr.
Farm Management Agent
Northampton, Lehigh,
Schuylkill, And
Part Of
Berks Counties

This is Part III on the topic of selecting a farming alternative. The previous articles dealt mainly with personal and family considerations and identifying alternatives. This article will deal primarily with marketing.

Marketing

Before starting a new enterprise, you need to develop and implement a market plan. You must become familiar and understand the potential market by asking yourself these questions:

- Who will buy your product(s) or use your service?
- How to sell to buyers?
- What price will they likely pay?

Good marketing skills are very important for new or unusual enterprises.

There is no mysterious magic in checking out or researching potential markets for your alternative enterprise. Many people tend to fail in their new venture by not knowing their market and sketching out a marketing plan. Much time is required to gather the facts needed to evaluate market potentials.

Keep in mind that markets can change by season, fad, demand, etc., so you will have to gather information often to see which way the market is going, whether it is up or down. Researching markets will provide information to help you project future trends and plan a marketing program.

Before you can adequately research the market, you must clearly define the product or service you intend to provide.

Determining Product(s) Or Service(s)

As you become familiar with the market, you will be able to develop a clear, usable definition of what your product(s) or service(s) will be.

You can begin this process by thinking about the new enterprise from the perspective of a potential buyer. During this process you will need to describe your product or service features. This may include range of size and quality, product mix, varieties or types, delivery, processing, packaging, instruction, and other characteristics.

Another important consideration is determining the marketing season for your product or service.

In evaluating product or service benefits to the buyer or user, you will need to identify the real reason your product or service is appealing. If you think the only reason people buy your product is "because they need it," you have failed to determine the benefits customers expect to receive upon and after the sale.

Another extreme is when you define benefits too narrowly that can lead to mistakes in market investigation and promotion.

Researching Market Techniques

Once you have clearly defined what the product or service is, learn as much as you can about your market. This process does not require any advance training to do most market research — it is simply asking the right questions and looking in the right places for the answers.

There are two essential reasons for doing market research: (1) To develop a successful marketing strategy, you must first understand your market, competition, and consumer trends and (2) to analyze potential profitability, you need to project potential sales volume and prices.

There are two main types of market research: using existing data and doing research yourself. Using existing data involves studying information that is already collected and published. Doing research yourself may include gathering information from observing people, taking surveys, performing interviews, or other direct actions.

Using existing data is often the easiest and least expensive way to obtain market information. This information can be found in libraries, government offices, chambers of commerce, universities, trade magazines, and computer databases.

During your investigation, demographics (characteristics of a certain human population), consumption and price data, and future market trend projections will aid you in becoming more aware of your market potential.

You are unlikely to find all the answers to your market questions through using existing data, so plan on doing some research yourself. This kind of research is very important when considering an innovative enterprise, a new market, or a local market for which little published information exists.

Gathering information yourself can be simple and inexpensive. Having a small budget is no excuse for not doing your marketing homework — just be creative in developing the most cost-effective method for collecting the information you need. Some common methods for gathering facts yourself are observations, surveys, personal interviews, and test marketing.

This article is just scratching the surface on the topic of marketing. I will continue the topic of marketing in a future article. Keep in mind that marketing is key in achieving a successful and viable enterprise or venture.

E-I-E-I-O

(Continued from Page E2)

nally protected amino acids to cows could compensate for the decrease in milk protein percentage that accompanies added dietary fat.

We found that milk protein percentage decreases about one tenth when cows are fed extra dietary fat and increases by about the same amount when the ruminally protected amino acids methionine and lysine are fed. When you add both fat and ruminally protected amino acids to the cow's diet, milk yield increases while milk protein percentage stays at its normal level. This is true for Holsteins and, to a lesser extent, Jerseys.

Ruminally protected amino acids have recently been approved for feeding to beef cattle but not yet for dairy cattle in this country. Although products claiming to protect amino acids from ruminal degradation are being sold here, to my knowledge, they have not been scientifically evaluated.

In areas where milk is priced on protein percentage, the use of ruminally protected amino acids may impact profitability. The more we understand how nutrition works in ruminant animals, the better we will be able to meet their needs and ours.

So, you see, cows really do have to watch what they eat!

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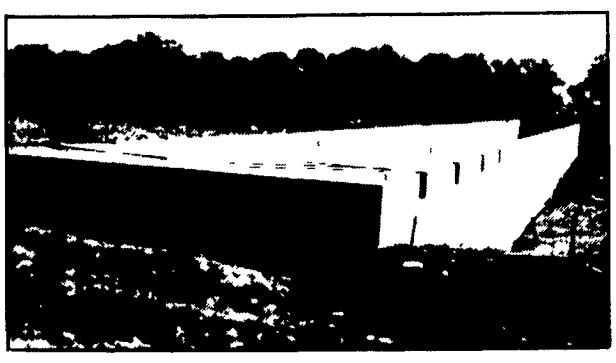
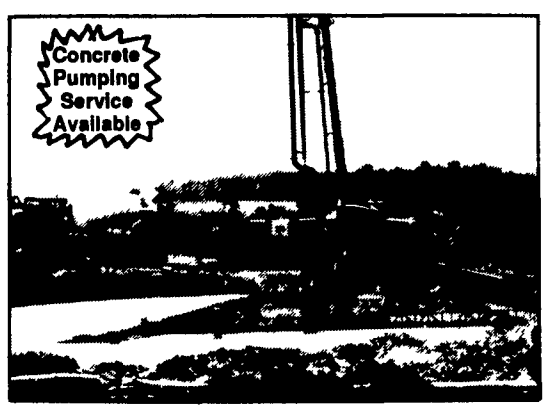
Far Left: 1-Million Gallon Circular Manure Storage Tank
Far Right: 2 Silage Pits In-Barn Manure Receiving Pit

Manure Storage For Hog Confinement

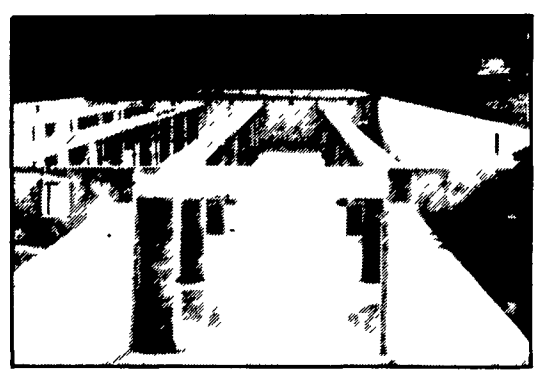
House Foundation Wall



300' Long Manure Pit For Hog Confinement



92' Boom Placing Concrete



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Grange, PSU, Dealers Teach Emergency Farm Rescue Class

VERNON ACHENBACH JR.
Lancaster Farming Staff

NORTH CORNWALL (Lebanon Co.) — About 40 people, mostly emergency medical volunteers, attended a farm emergency rescue educational meeting last week at the Lebanon Area Fairgrounds to get hands-on experience with the danger areas of a variety of pieces of farm equipment and machinery.

Sponsored by the Jackson Grange, Penn State University Extension, and a number of farm equipment, machine and implement dealers, the program was part of a series of safety programs offered through the Lebanon County Extension service.

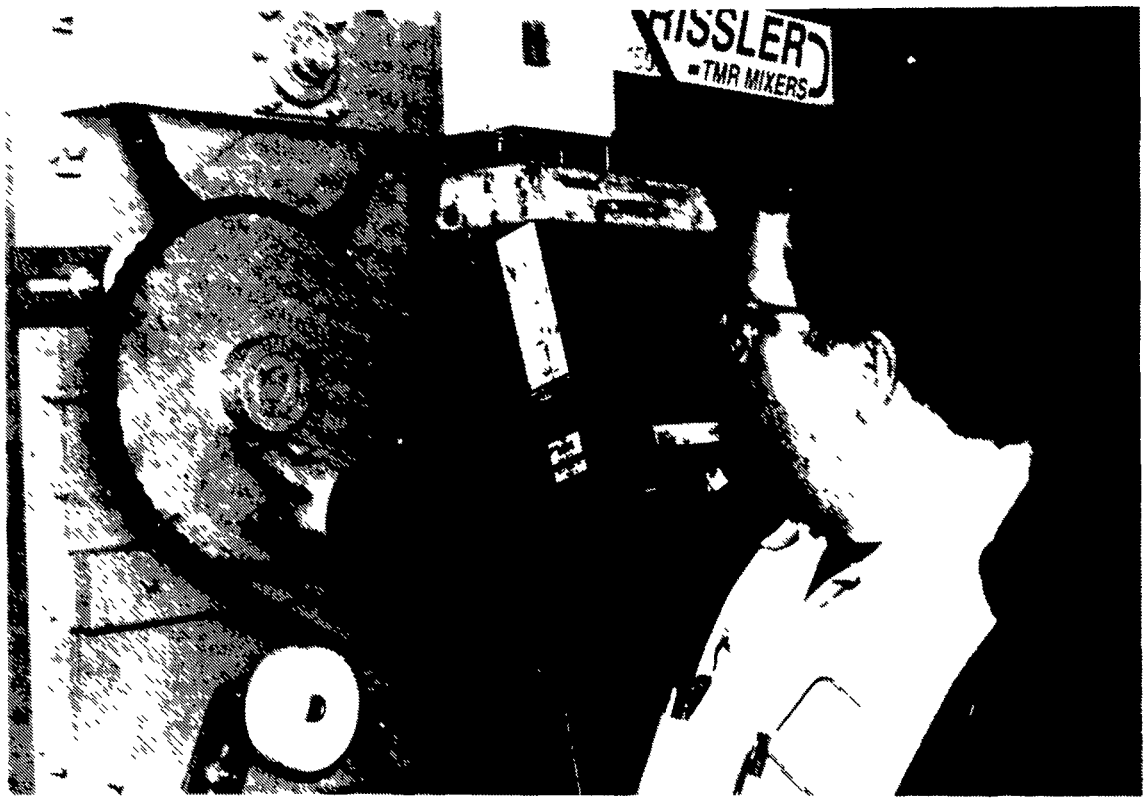
The equal-opportunity extension service offered other safety programs, held last month. Monday's program had been originally scheduled for March, but because of the blizzard, was postponed until this week. It was one of three programs involving Dr. Dennis Murphy, PSU professor of agricultural engineering, and Kenneth Winebark, county extension agent.

Rescheduling the farm equipment program meant that a few dealers and people who had intended to support the program had scheduling conflicts and couldn't attend.

Monday's program was designed to show participants the various aspects of a piece of farm equipment, what the dangerous parts were, the types of injuries that have occured, how to disengage gears and bring to a stop any moving part of a particular machine, and what rescue equipment could best be used on the farm.

The program was helpful, according to Lee Groff, EMS man-

(Turn to Page E5)



Mervin Sensenig, owner of the installation and service portion for Cedar Crest Equipment, and also a certified emergency medical technician, shows a cotter pin on a gear of a Rissler TMR mixer, that, if missing, or sheared, could prevent the gear from being reversed if someone needed to be freed from entanglement. In an emergency, a small nail or similar temporary device could be used to replace the cotter pin.

Lee Groff holds one of two inflatable bags kept on his EMS truck. Using pressurized air, the bags are inflated and can lift objects high enough to extricate a trapped accident victim. The two bags carried on Groff's truck have lifting capacities of 19 tons and 13 tons.

Up To Your Ears
In Triazine-Resistant Weeds?

Grange, PSU, Dealers Teach Emergency Farm Rescue Class

(Continued from Page E4)

ager for Independent Fire Co., which has 30 emergency rescue personnel manning its ambulance and rescue crews, seven working full time.

"Basically, we are set up for (emergency rescue from) motor vehicles," Groff said, adding that cars are primarily sheet metal and comparatively easy materials to remove as opposed to the heavy metal frame and construction of farm equipment.

What the participants did was listen to representatives of the dealers who brought equipment to the fairgrounds explain the function of the equipment (such as a mixer for totally mixed rations), and the danger areas, which are basically the moving parts, such as PTOs, cutter blades, chains, gears, belts, etc.

Then, dummies made from stuffing crumpled newspaper into old pants and shirts were used to demonstrate the rapidity of some common accidents on the equipment and what happens to the body.

Flip-overs were discussed. Groff said that while an overhead crane may be necessary to completely right a turned-over piece of machinery, that would be too slow of a response to a farm emergency.

He demonstrated the use of inflatable bags which are used to lift heavy pieces of equipment just high enough to extract a pinned accident victim.

Groff brought his fire company's rescue truck which is stocked with two air bags and the air tanks used to fill them. The tanks are pressurized to 2,200-pounds. One of the bags can displace 19 tons. The other is to displace weights of 13 tons.

The steel-reinforced, heavy compact bags work on somewhat of a pnuematic principle and don't run a risk of exploding, Groff said.

"With us, we get a lot of experience with motor vehicles," Groff said. "With farm accidents, we don't have much experience. (Farm accidents) presents a bigger challange to get (vicitms) out as fast as with a car."

He said that the program should be repeated and offered again to provide many more with the opportunity to get a better understanding of farm accidents and response.

Although some students attended the morning meeting, Winebark said the evening meeting, a repeat of the morning session, was better attended by farmers.

He said that for their own sake, farmers should also be aware of what to do, and whom to call in the event of any emergency on their property.

Several of the speakers also talked about the importance of anyone going near a silo to understand the dangers of the gases of fermentation and that they are heavier than air and sink to the ground and can collect in low lying areas near the bases of silos, flow down the silo chute and possibly into areas where animals are kept.

A dangerous common invisible gas of silage fermentation is carbon dioxide which acts as a preservative in sealed silos.

Carbon dioxide replaces oxygen in the blood, binding with the part of the blood cell that normally carries oxygen, thus suffocating someone who breathes too heavy a dose.

Results of exposure to carbon dioxide can range from no negative effects, to brain damage or death. There is no warning of it.

According to one of several fact sheets authored by Murphy, more dangerous than carbon dioxide to those working around a farm is the sometimes visible, yet very dangerous nitrogen dioxide gas, which in even low levels can cause respiratory damage that results in delayed death.

Nitrogen oxide is normally formed within the first three days after being harvested, chopped and ensiled. Since it can take several days to fill a silo, farmers must be aware of the dangers and how to approach even an unsuspicious silo.

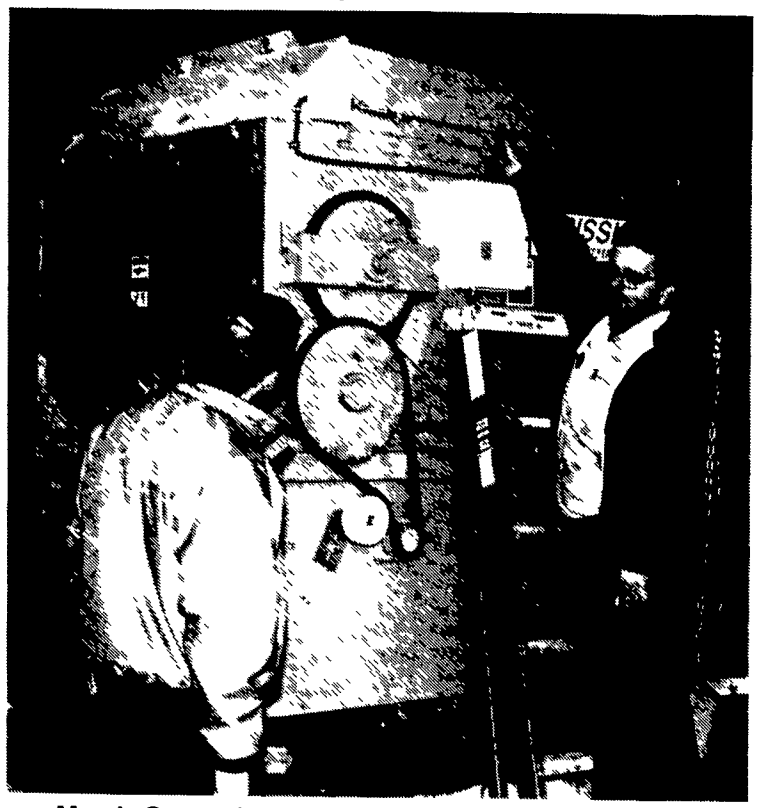
According to Murphy, nitrogen dioxide has a strong, bleach-like odor, but may also cause severe damage even if the smell is barely noticeable.

Other signs are low lying fumes which may appear to be yellow, red or dark brown.

Except for a self-contained breathing apparatus, there is no gas mask that will enable a human to survive in the oxygen-deprived areas where the heavy gases collect.

A number of other fact sheet handouts covering subjects discussed are available to anyone, regardless of sex, race, or religion, from their local extension office.

Those commercial dealers providing equipment and expertise included Shuey's Sales and Service, Wenger's Farm Machinery Inc., Evergreen Tractor Co., Umberger's of Fontana Inc., Cedar Crest Equipment, Keller Bros Tractor Co., and Lebanon Valley Implement Co. Inc.



Mervin Sensenig pulls on an emergency shut-off cord on this Rissler TMR mixer as a demonstration of safety features to Lee Groff, a rescue worker.

Local Merchant Wins Caribbean Cruise

CLEVELAND, Ohio — Lawrence R. Claus Sr., president of Erb & Henry Equipment, Inc., N. Berlinville, Pa. was recently recognized for a year of outstanding sales performance with an invitation to join other top Cub Cadet dealers and their guests on a Caribbean cruise.

Each year Cub Cadet rewards its outstanding dealers with incentive programs that encourage them to work and sell hard throughout the year. Sponsoring incentive trips gives Cub Cadet a chance to honor its hard-working dealers and thank them for their dedication and service. The program also encourages dealers who have heard about the rewards of a top-selling dealership to set their sights on being eligible to attend the following year.

Prior to embarking on the eight-day trip, Cub Cadet hosted a pre-cruise gala and awards banquet for its 100 guests at the Fort Lauderdale, Fla. Hilton.

Ag Doesn't Look Like Priority In Harrisburg, Preate Tells Business Leaders

ANDY ANDREWS
Lancaster Farming Staff

MANHEIM (Lancaster Co.) — Earnest Preate, Pennsylvania attorney general, admitted to ag industry representatives recently that he has a lot to learn before committing himself to gubernatorial candidacy.

But one thing he does know, and the largely unrecognized ag industry in the state should be aware of, is we don't need 3,000 more state employees in Harrisburg as proposed by the Casey Administration. Of those, the state wants to commit half — 1,500 — to DER alone.

Although DER is necessary, "no question about it," said the attorney general, what we need "is better management." He told the largest gathering of the Ag Issues Forum, which brought together nearly 60 agribusiness representatives from the state and a contingent of visiting Michigan Cooperative Extension members in the area, that what is needed is less strangulating regulations, "less duplicity of paperwork, less government intrusion into our private lives and our private businesses."

Preate said, "It's too often we treat farmers as the enemies of the environment, when we should be considering them as partners in a progressive development of the environment."

In the case of DER, Preate suggested that perhaps some of the responsibility can be transferred to the Department of Agriculture. The voice of agriculture, according to the attorney general, "really needs to be heard, and if I were there, hear that voice and take the step to make sure that Pennsylvania is agriculture-friendly."

Agriculture remains Pennsylvania's number 1 industry. Preate said the state should be committed to the industry because it provides $3.5 billion of cash income and generates $38 billion in economic activity, providing jobs for 20 percent of the state workforce.

"If agriculture is our number one industry in Pennsylvania, it sure doesn't look it when you go to Harrisburg and sit around the legislature and listen to the governor's speech, or you look at what's being done to promote agriculture interests in the state," said Preate.

Agriculture — and the stimulus it has on affiliated industries — is almost completely ignored at the state and federal level, according to the attorney general.

In a recent speech by Gov. Robert Casey, Preate admitted to the agribusiness leaders at the Ag Issues Forum that he was upset. In the speech, according to Preate, the governor devoted 17 pages to "where we were as a state, and of those 17 pages, one sentence — *one sentence* — (was) devoted to Pennsylvania agriculture.

"That doesn't tell me that Pennsylvania rural issues and agricultural economic issues are a priority in Harrisburg," he said.

Preate mentioned the plan by the state administration to build a new lab to test for animal diseases, but at the same time, funding for the Pennsylvania Veterinary School out of the University of Pennsylvania is being cut. "It just doesn't seem to me to make any sense," he said.

The governor's budget for 1993-1994, according to Preate, is cutting the agricultural budget by 2.6 percent and provides no increase in fuding for ag extension programs. The "backbone" of state ag business "is not being assisted by the administration in Harrisburg."

In addition, the Pennsylvania Products Promotion budget is being cut 12 percent.

"Instead of hassling people in this business, we ought to be helping them," he said.

The Clinton Administration plan for "stimulating" the economy fares even worse. According to Preate, farmers will suffer because of it. He said that on a recent trip to the White House, he spoke to several people from the justice department and, if you just mention the word farming, he said, "nobody even understands what you're talking about.

"The farm community is being asked to take three times more cuts than any other domestic budget sector," he said. "That to me is not a good sign."

The following will have negative aspects on farming in general, according to Preate:

- The proposed energy tax will "dramatically affect the ability of a farmer to produce profitably," he said. The tax will hit the farmers hardest, including an increase in direct cost for fuel, fertilizers, and shipping.
- Proposed Clinton spending cuts will affect ag rural programs to the tune of $8 billion, according to Preate.
- Although agriculture accounts for only 1.8 percent of domestic spending, "it will shoulder three times that in the cuts over the next four years."
- Of the proposed Clinton "eco-

(Turn to Page E7)

Earnest Preate, Pennsylvania attorney general, admitted to ag industry representatives that he has a lot to learn before committing himself to gubernatorial candidacy. He told the largest gathering of the Ag Issues Forum, which brought together nearly 60 agribusiness representatives from the state and a contingent of visiting Michigan Cooperative Extension members in the area, that what is needed is less strangulating regulations, "less duplicity of paperwork, less government intrusion into our private lives and our private businesses."

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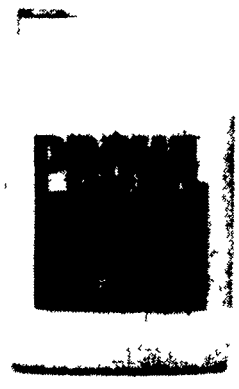

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Record Swine Price Set

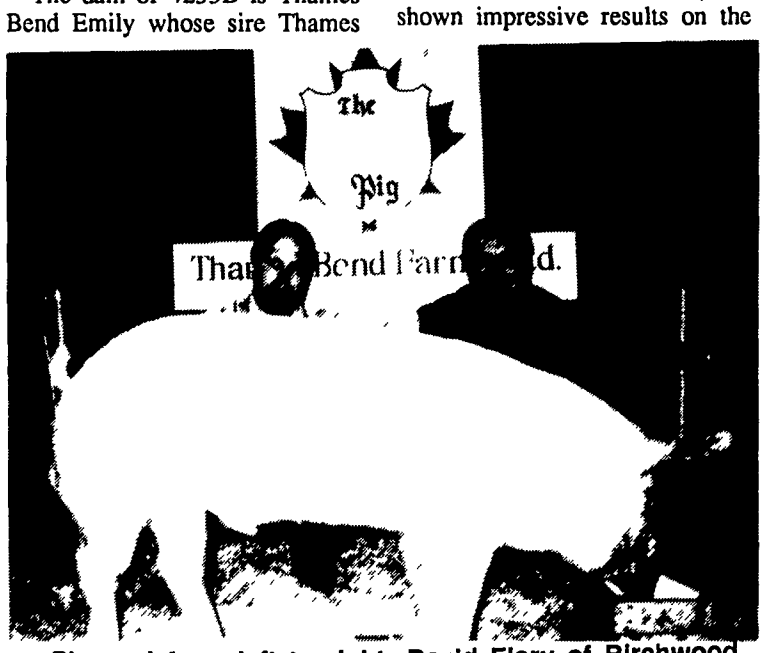
MANCHESTER, Ohio — A record price of $10,200 for a boar sold at any test station sale or swine auction in Canada was paid by Birchwood Genetics of Manchester, Ohio.

The Yorkshire boar, Thames Bend Got 4253B, has .30 in. B.F., 151 Days and Estimated Breeding Valves (EBVs) of -2.8 B.F., -8.6 Days and EBV Index of 174, F.C. of 2.20. The depth of **"Stein"** genetics is demonstrated in the 3-generation pedigree of 4253B. His sire, 3503A has B.F. of .32 in., days of 124, and EBVs of -3.1 B.F., -13.7 Days and an EBV Index of 198. His grand sire 862Z is ranked number 16 in the top 10 percent of EBV indexing boars in Canada.

The dam of 4253B is Thames Bend Emily whose sire Thames Bend King Arnie 4411X was the highest EBV Progeny Tested Yorkshire boar in Canada in 1991 with EBVs of -2.8 B.F., -14.4 Days and EBV Index of 196 with 93 percent repeatability.

Three litter mates of 4235B were submitted for the Ontario Carcass Appraisal for carcass dissection and meat quality evaluation. Among these was a brother boar with an even more impressive Estimated Breeding Value of 192 Index. The **"Stein"** genetic combination of King Arnie and Got bloodlines has produced a winner.

This is the third **"Stein"** Yorkshire boar that has been chosen for the A.I. stud of Birchwood Genetics. A previous **"Stein"** York, Thames Bend Jeriko 2253Z, has shown impressive results on the Yorkshire Stage's Sire Summary in the U.S. 2253Z was #1 Yorkshire Sire for reducing backfat and #2 sire for the Terminal Sire Index (a combination of leanness and growth rate) in the Stages Program which is computed by Purdue University.



Pictured from left to right: David Flory of Birchwood Genetics and Richard Stein of Thames Bend Farms Ltd.

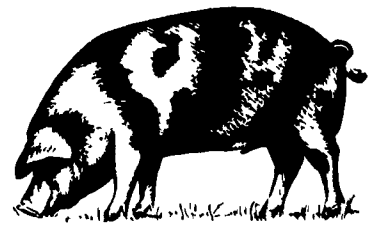
Birchwood Genetics also purchased Thames Bend Lars 4144B at the March 25 Test Station Sale for $1,550. This impressive boar had an Estimated Breeding Value of 148 index with .29 in. backfat in 153 days to 100 kgs, with a feed conversion of 2.18.

Thames Bend Farms Ltd is the largest Government ROP tester of pure bred breeding stock in Canada, as well as submitting the greatest number of animals to the Carcass Cut Out Evaluation at the New Dundee Test Station. In addition to public testing, real time ultrasound imaging is used to evaluate live animals for carcass muscling and identifying fat levels. A completely computerized record system of all animals at Thames Bend Farms makes for speedy and accurate selection information.

To offer customers a complete genetic package, Thames Bend has recently opened **"First Choice Genetics"-A.I. Division.** Fresh, high quality semen is offered from their superior boar stud of selected top line **"Stein"** herd sires. This is a Federal government licensed, high health A.I. unit where the latest technology guarantees maximum conception. A.I. is offered in conjunction with regular breeding stock from the large selection of superior boars and gilts available at Thames Bend Farms. All herd sires and dams have been evaluated with the new Canadian Hal-1843™ Halothane DNA gene test technology to identify any animals that might be affected with the stress gene.

Lean gain **"Stein"** genetics are in demand not only in Canada but throughout the world where the Thames Bend operation has been recognized as an international supplier of nucleus swine genetics, having shipped to 33 countries. Thames Bend has, for more than 27 years consistently met international health standards through rigorous blood and laboratory testing by Agriculture Canada. The success of this family owned swine breeding enterprise benefits not only Thames Bend Farms but the entire swine breeding industry throughout Canada and the world.

According to David Flory, Birch-wood Genetics, "A thorough in-herd testing program with intense selection processes make Thames Bend Farms an outstanding resource of valuable swine genetics."



Ag Doesn't Look Like Priority

(Continued from Page E6)

nomic stimulus package," which totals $17.6 billion, only $636 million is going to ag. "That to me is not a reflection of the priority that should be shown in Washington to our farm community."

• Of the total $99 billion investment package, only $1.5 billion gets into the ag sector, according to the attorney general.

For the state, the worse thing it has going for it is worker's compensation, said Preate. He believes Pennsylvania has one of the highest worker's compensation rates in the nation.

"Unless we deal with those issues . . . we are not going to be the rising star of America. We are going to be at the bottom of the list."

Preate told the agribusiness leaders that "it's time that people recognize your importance. We need you, desperately.

"If I had my chance, I would be out there to be a person to lead the fight to preserve the agriculture sector, to fight to increase its effectiveness and economic development and strength for the people of Pennsylvania."

Preate, who served for 13 months in Vietnam as an infantry platoon commander and company executive officer, said at one time the nation wasn't committed to winning the war. So he vowed to remain committed.

He said, "Everything I get into, I'm committed to win."

orin

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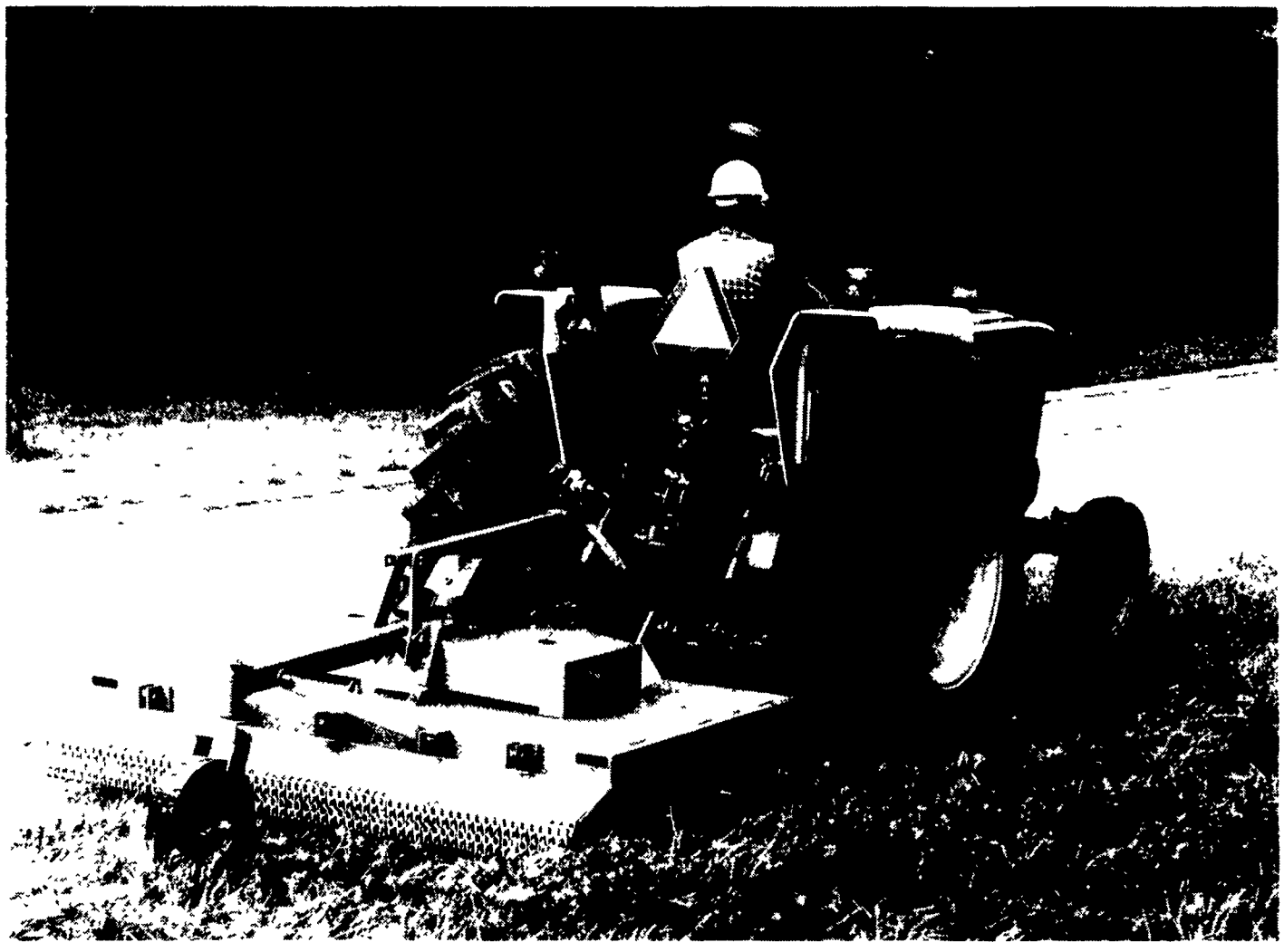
WOODS Models D80/DO80 MD80/MDO80 Mowers/ Shredders



Woods Model MD80

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CORN TALK

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Corn Talk, Lancaster Farming, Saturday, April 17, 1993—Page 1

Brothers Pay Attention To Kind Of Corn They Plant

Dave, Ralph, Richard, and Mike Glenn received their Five Acre Corn Club award for a yield of 213 bushels to the acre.

BONNIE BRECHBILL
Franklin Co. Correspondent

McCONNELLSBURG (Fulton Co.) — A yield of 213 bushels of corn per acre made the Glenn brothers of McConnellsburg new members of the Five Acre Corn Club. Their farm is along Route 552 south, in one of Fulton County's scenic valleys.

"We didn't do anything special," to obtain that yield, Richard Glenn said. They chisel plowed and disked, then planted the seed with their four-row planter on 38-inch rows, using eight pounds of insecticide per acre. "We shoot for 22,000-23,000 population," Richard said.

The plot received 220 pounds of 10-30-10 fertilizer to the acre, and was sprayed with 145 units of nitrogen with herbicide at planting time. The brothers also spread manure from their 40 x 70 foot concrete block pit on it.

The three Glenn brothers — Richard, 43; Dave, 39; and Mike, 36 — farm in partnership about five miles south of McConnellsburg. They purchased the cows and machinery from their father, Ralph, in 1977, and rent 600 acres from him. They farm a total of 720 acres and milk 137 cows.

Their Crop Management Association technician, Troy Vanderau, said that when scouting for beeties on the corn silks, he couldn't reach the ears on some of the plants in that plot.

Besides their 238 acres of corn, the Glenns raise alfalfa, barley, wheat and oats. Some land is in timothy and pasture.

While not all their fields equalled the 213 bushel yield, 50 acres on the home farm averaged 185-195 bushels to the acre, while the rest of the

(Turn to Page 2)

Corn Becomes 'King' Of Marketplace

EVERETT NEWSWANGER
Managing Editor

WEST MIDDLESEX (Mercer Co.)—Corn is king, not only of the fields, but corn will become king of the market place if corn growers have their way. From one pound of Hydro-Sorb, a new powder made from corn that can drink a ton of water in 60 seconds, to ethanol, the fuel that helps reduce pollution from engine exhaust, the potential to consume corn in non-farm uses is enormous.

That's the message Mike Wagner, executive director, Ohio Corn Growers Association, told the Pennsylvania Master Corn Growers at their conference in February. Wagner reported that Ohio farmers have been working with a one-half cent per bushel check-off program the past three years, and this gives them a million and a half dollars each year for research and advertising. A 15 member farmer board of directors governs the use of the funds. In 1987 Ohio had 500 corn grower members. Now they have 1300 members. Before they started their promotion efforts, 16 percent of the fuels used in Ohio were ethanol blends. Now 25 percent has the corn derivative in use.

"Our number one priority was to increase the use of ethanol," Wagner said. "This was the quickest way to increase corn grind. It has been difficult because one professor at Ohio State continues to say ethanol will never be a factor. But we are grinding more than 400 million bushels of corn for ethanol each year. That is more than Ohio raises in a year. I think that's important."

In Cleveland, a clean air act required an oxinated fuels program by last November. The Ohio check-off money was used in Cleveland to educate people about ethanol. Their messages said ethanol will not hurt your car, it will not decrease gas mileage, and your

(Turn to Page 5)

PENNSYLVANIA MASTER CORN GROWERS ASSOCIATION

President's Message

H. Grant Troop
President, PMCGA

Here we stand at the edge of the field, ready to enter the establishment phase of the 1993 corn crop. Our land will be adequately protected by conducting our field operations according to our soil management (conservation) plan, thus controlling soil and water losses during periods of rainfall runoff. To grow corn, we need the rain to enter our field soil, not the nearest stream.

We've tested our soils and arrived at our lime and fertilizer recommendations based on soil series production capabilities and expected yield levels. We adjusted (reduced) our nitrogen application rates to account for manure and legumes where applicable. Seed corn has been selected with the highest yield potential for the conditions under which we grow corn (high or low population, no-till or conventional, early or late planting, etc).

Pesticides have been chosen to target known weed and insect pests with an eye on costs. Their safe use is a top priority. Application methods and timing for fertilizer and pesticides have once again been reviewed and possibly adjusted to gain efficiencies. Nutrient uptake efficiency is a must and weed and insect control at good to excellent levels the minimum for our success. The planter has been certified ready to go. We've checked it over meticulously and even done our homework by reviewing the operator's manual.

We contemplate that first pass through the field when once again we'll be on our knees to check that the seed is properly placed in the good soil. And while we are on our knees, let us not fail to beseech the Lord of the harvest for the increase as we are the stewards of what He has entrusted to us.

Don't forget to check with

(Turn to Page 4)

PENNSYLVANIA MASTER CORN GROWERS ASSOCIATION

Between The Rows

Dr. Greg Roth
Penn State Agronomy
Assistant Professor

I often hear our football coach, Joe Paterno, say on TV "you never stay the same — you either get better or you get worse."

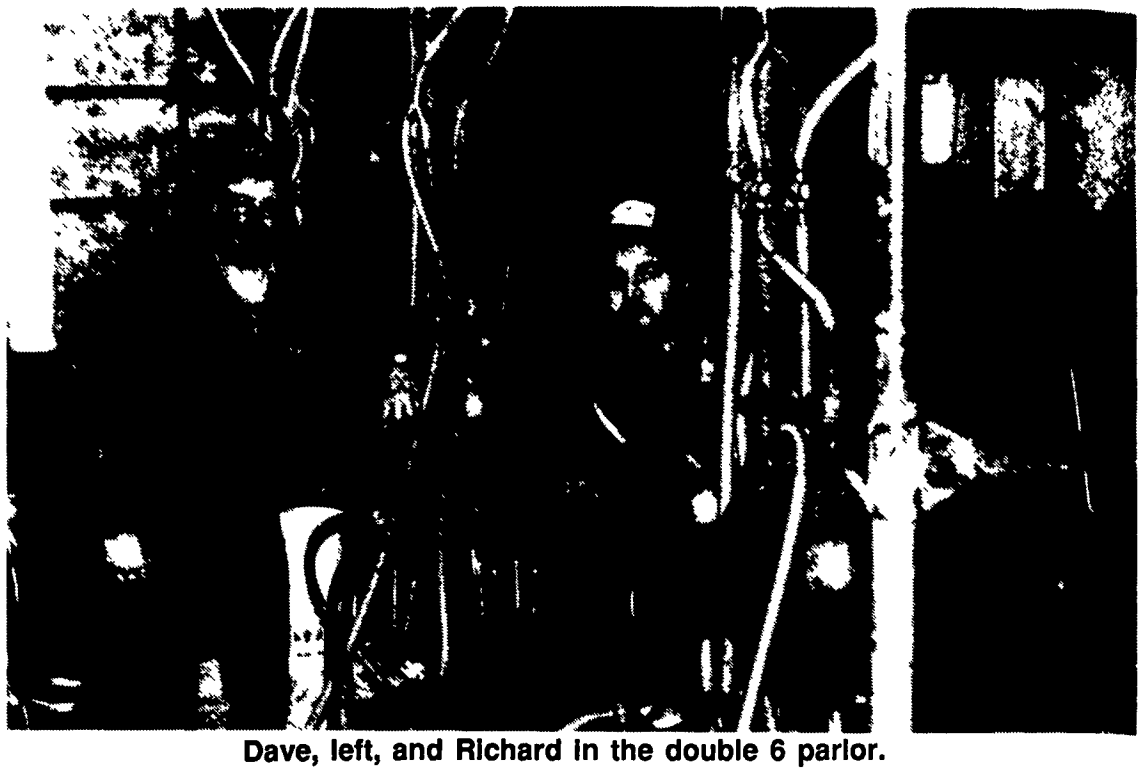
The same is likely true for corn growers, since we face fierce competition from our neighbors in the Corn Belt and other countries that continually stresses our profitability.

Our challenge is to try to keep doing it a little better each year just to keep up with the

(Turn to Page 6)

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Richard Glenn and his family live in this stone house overlooking the barn and trout stream.



Dave, left, and Richard in the double 6 parlor.

Brothers Pay Attention

(Continued from Page 1)

farm averaged 165-175. A test plot of Funks averaged 155-165 bushels.

Vanderau noted that the brothers pay close attention to the kind of corn they plant. "They don't just go according to a salesman's pitch. They keep track of their yield and plant what's best for them," he said. They use hybrids from various seed companies.

"The most important thing on that farm is timeliness," Vanderau added. "All of that corn was put in at the optimum corn planting time, not too early or too late. The same with their hay. They get it down ad in, in a few day's time. They're hard workers and they have the manpower to do it."

Each of the brothers has his own niche in the operation. Besides milking, Dave takes care of 48 heifers at his place, about a mile and a half away, and 47 more at a rented farm. Richard milks and shares record-keeping responsibilities with Mike. They all do field work, as does their father.

Mike cares for the young stock and the fresh cows and does all the breeding. Calves are raised on elevated grates in the old stanchion barn adjacent to the main farm. Dry cows are taken there to freshen, then are milked there for a few days.

"Very seldom does Mike lose a calf," Richard said.

Their grade herd is milked in a double six with six units.

The Glenns employ two full-time helpers, William and Jason Harmon. The brothers, who are handicapped, unload

(Turn to Page 4)

The Glenn Brothers dairy farm borders Route 522 in a scenic valley south of McConnellsburg.

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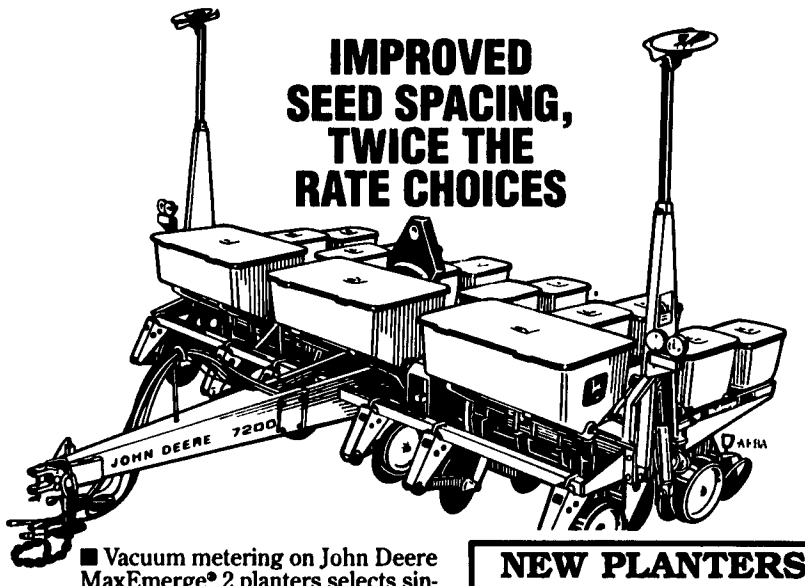

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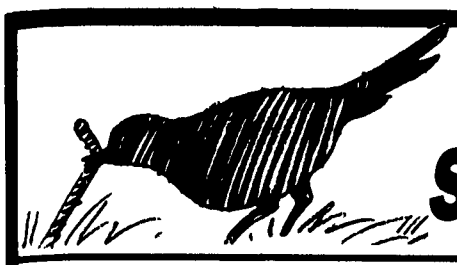
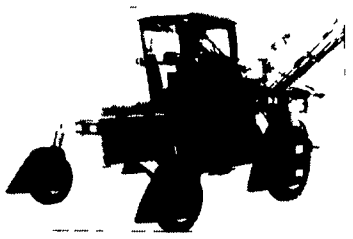


Spring Start-up Savings

DISCOVER THE NEW MODEL 6500 SELF-PROPELLED SPRAYER!!!

The 6500 Self-Propelled Sprayer is designed with commercial applicator practices in mind, yet is suitable for everyone. Some of the main features of this totally new sprayer are the hydrostatic drive, optional wide front axle and an optional electronic spray rate control monitor.



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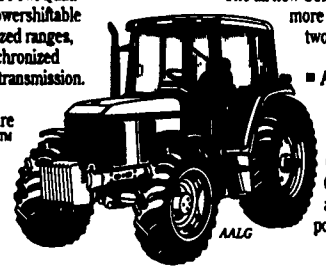

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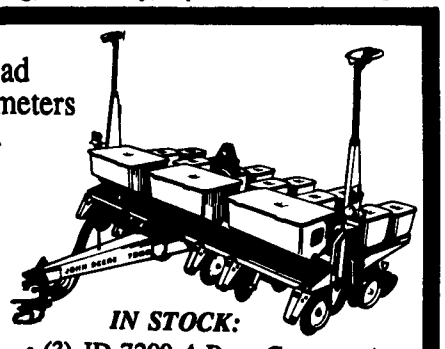
The VacuMeter™ is light-years ahead of the Finger Pickup and competitive meters in versatility, accuracy and speed



Improve corn seed spacing up to 17 percent

Seed corn shapes and sizes have changed dramatically. To maintain seeding accuracy, you need a seed meter that can meet today's demanding seed challenges. You need the VacuMeter system, offering up to a 17 percent increase in corn metering accuracy over the finger pickup system.

New single-cross varieties of seed vary in shape and size. Because the VacuMeter system uses gentle vacuum pressure to hold seeds in place, it handles all sizes of seed accurately. And VacuMeter accuracy may enable you to reduce planting rates to save on seed costs.

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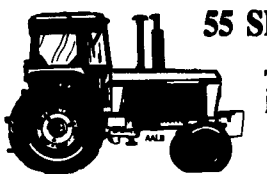

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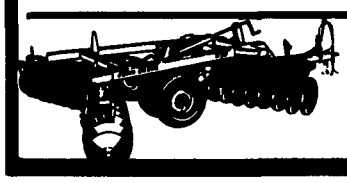

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- JD 960 Field Cultivator, 21'6"
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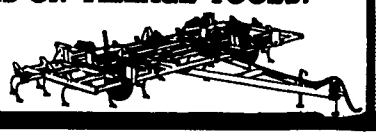

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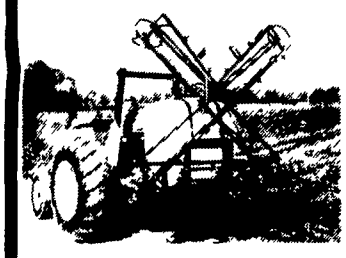

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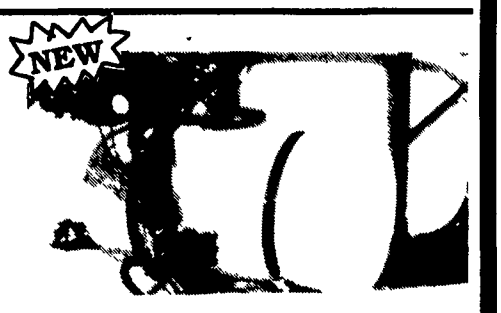

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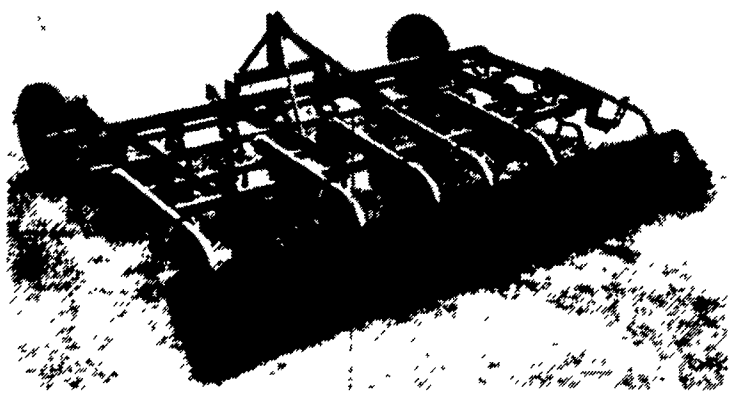

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TAYLOR PITTSBURGH

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Mike Glenn with a few of the calves he raises in the old stanchion barn.

Brothers Pay Attention

(Continued from Page 2)

hay, help to milk, and feed the cows corn silage.

"They're good workers," Richard said. "I don't know what I'd do without them." They have been with the glenn brothers for eight years.

The high-producing cows are fed 8 - 12 pounds of top-dress in the milking parlor. The herd is fed haylage and high moisture corn on the, bunk.

The farm is on a conservation plan and a manure plan with the ASCS office. Water from the parlor goes to a holding tank, then is spread on the fields with a vacuum tank. They are careful to protect the winding trout stream that runs below the barn from any runoff.

Richard and his wife, Pamela, live in the large stone house on the farm. They have two sons, Jeff, 14, and Thomas, 11, who help on the farm weekends and summers. Mike's wife, Sharon, works for the Forestry Department in McConnellsburg, and Dave's wife, Sheila, works at Letterkenny Army Depot in Chambersburg.

Their mother, Marjorie, is a director of Pennsylvania Farm Women.

PENNSYLVANIA MASTER CORN GROWERS ASSOCIATION

Between The Rows

(Continued from Page 1)

competition. If you're not doing this soon, you find yourself left behind by the crowd.

How can we continue to improve various aspects of our operation? There are no easy answers anymore and its becoming increasingly difficult to rely on outside experts to provide us with answers that are appropriate for our own situations. As a result, I think we will need to place more emphasis on evaluating products and practices under local conditions.

Management experts tell us that we should be relying more on data to make decisions rather than opinions. What does all this have to do with our corn crop this year?

Well, I think you should spend a little time or money on evaluating something in your production system this year. This doesn't necessarily mean you have to do a strip trial or some other type of on-farm research, but it does mean you'll have to take some time and scrutinize some aspect of your program.

Basic items to evaluate are things like weed escapes, plant populations, yields, soil test levels rootworm beetle counts or disease levels. More advanced items to be looking at would include stand uniformity, soil compaction potential, hybrid performance, herbicide and insecticide cost effectiveness, nutrient deficiency symptoms, and soil nutrient trends over time. Still more advanced things to evaluate would be items such as hybrid adaptation to different soils, the need for starter fertilizer, and the cost effectiveness of equipment adaptations that speed planting and harvesting.

By collecting a little of your own information on these items, you'll be in a better position to make better decisions next year. Better decisions mean a more efficient operation that is moving ahead, not falling behind.

A little bit of good evaluation can go a long way. A few hours invested in planning a little comparison this year and next may prevent a decade of continuing an unprofitable practice.

A good example of the need for evaluation I've encountered recently is in the issue of zone tillage attachments for no-till corn planters. While they seem to be appealing, there really is little data available to justify their use in areas where no-till has worked well.

If I were making an investment in this technology, I'd be doing a few side-by-side comparisons to see if they really do improve populations and yields under my conditions.

A word of caution is necessary in doing side-by-side or any other types of on-farm research. Our soils are quite variable and you want to be sure to repeat your comparison several times to minimize the potential for yield differences caused by soil type.

More than once I've been surprised by yield differences caused just by the position in the field. If you're not careful, these kind of differences can lead you astray. This is especially true if your favorite treatment comes out on top.

One of the challenges in planning evaluations is deciding what to evaluate and how many resources to devote to this activity. Realistically, focusing on one to three key items is probably enough for anyone provided you have a handle on some of the basic scouting information.

If you don't think you have time for some type of evaluation this year, consider hiring someone to do it. There are a growing number of crop consultants and scouts that are available and willing to help out in this area.

If you're like me, you've found out by now that there are a lot more good questions than good answers. Let's take some time this year and work on getting some more good answers by doing a little better job of evaluating and finding out what's going on in our own corn production system.

Employees Bill, left and Jason Harmon bed the freestalls.

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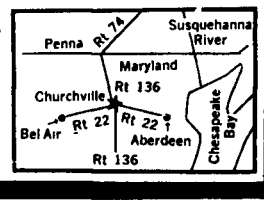

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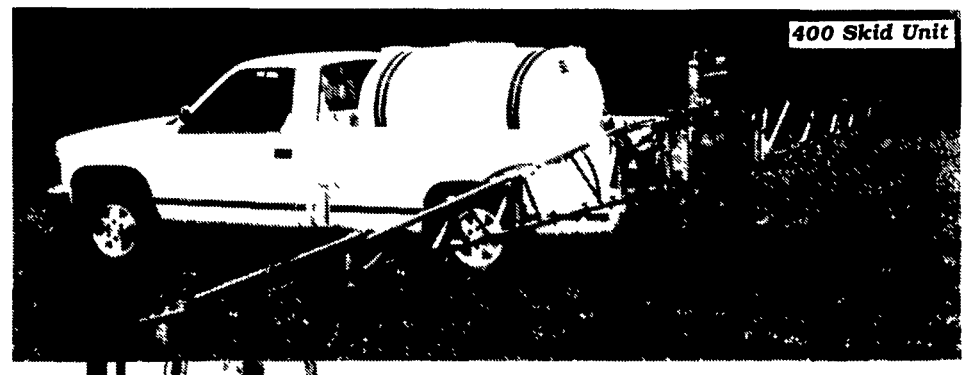
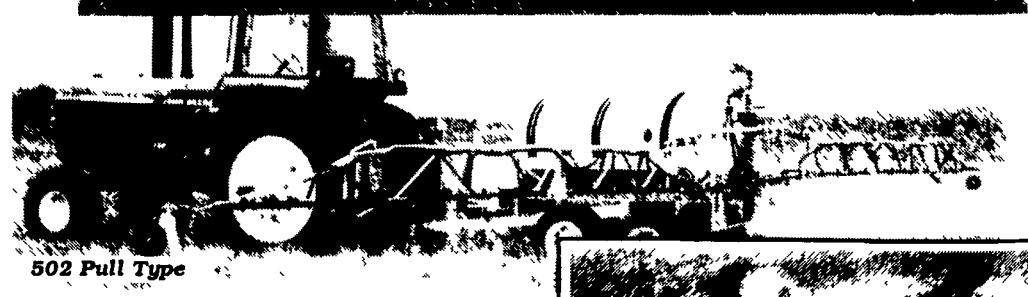


400 Skid Unit



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Corn Becomes 'King' Of Marketplace

(Continued from Page 1)

car will not be hard to start.

In addition, they held training seminars for 500 mechanics to explain what ethanol is and that ethanol has been driven a trillion miles. After the promotion program, 95 percent of the filling stations in Cleveland use an ethanol blend. Nebraska state police have been using ethanol burning vehicles for 12 years.

The follow-up to the Cleveland campaign is to tell everyone about the success of the first campeign. Ethanol reduced carbon monxide by millions of tons, the gas price did not rise, cars started, and gas mileage did not go down.

"We are taking credit for the ethanol fuels program and what it did to clean up the air in Cleveland, what it did to create jobs, and what it did for the environment," Wagner said.

In Peoria, Illinois, 14 new diesel buses are running on 95 percent pure ethanol. The fuel has 5 percent gasoline so people do not drink it. Ohio corn growers brought one of those buses to their state's ag day and took the governor, press corps and legislators for a ride.

"When you get the press on their knees, smelling tail pipes, and finding there is no carbon coming out, you make a firm believer out of them," Wagner said. This is the message we must tell."

Wagner reported that in testimony in Washington for the Clean Air Act, when Eric Bonn testified for ethanol, he sat a shot glass of pure ethanol and pure gasoline in front of him. At the conclusion of his testimony, he drank the shot of ethanol. But all the 29 or 30 oil presidents in attendance refused to drink their gasoline. "It would have killed them," Wagner said. "That's the story we must tell."

A unique project for the Ohio corn growers has been the sponsorship of an ethanol burning race car. This "funny car" is driven by Mark Thomas, a farm boy from Canton. Thomas has won three straight world championships with the sponsored car. The corn growers have spent $32,000, but 62 million people saw Thomas on ESPN and another 400,000 saw him in person. "It's the best project we have done dollar for dollar," Wagner said.

When the Bush adminstration announced in October that ethanol would be part of reformulated gasoline in the Clean Air Act, "We hit a home run," Wagner said.

"But now a new adminstration needs to be convinced. Ethanol is a friend of the environmentlist. If we can keep our research data to them, we are going to win. But big oil has 27 full-time lobbyists working in Washington. The National Corn Growers has three persons doing everything.

"Big oil doesn't want to give up their market share, but we only want a small part of it. As we say in our advertisements, '10 percent blend takes 25 percent of the carbon monxide out.' We think that's a very good trade-off."

Another research project supported by the Ohio corn growers is coal desulfurization. The research is in the later stages and if successful, will be supported by the coal industry. The process would use 300 million bushels of corn just to desulfurize Ohio coal production. Other states have even more coal than Ohio, and the prospect of major corn usage is great if it works.

Other new corn products in various stages of research and development include a charcoal lighter that comes out as a foam and causes no smoke or odor. Clay pigeons made out of corn starch, bio-degradable bags and fast food packageing are in the works for marketing. Also a road deicer that is completely benign to the underground water and is non-corrosive and a super-absorbant baby diaper can be made from corn.

At the end of his presentation, Wagner gave a dramatic demonstration with a small amount of a corn product powder placed in a glass of water. Within seconds the powder had turned the water into a glob of jelly-like substance with no stickiness or odor. He said one pound of this powder will absorb 1400 pounds of water in 30 seconds, and in 60 seconds it will drink a ton of water.

"The potential for new products made from corn is exciting," Wagner said. "But the challenges are many. Big oil doens't want to lose its market and Congress isn't interested.

In addition, we have a new administration, and even our neighbors to deal with. No one else is going to help you. We need to join hands as farmers and meet the challengs of the next century."

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Fall-Kill Best For No-Tilling After Sod

Greg W. Roth

Recently reported research from a farmer-managed trial at the University of Wisconsin has confirmed what many Pennsylvania no-tillers have been seeing already — that corn no-tilled into a fall killed sod is an effective practice.

In studies recently reported in the Journal of Production Agriculture, no-till corn in a fall killed sod was compared to no-till corn in a spring killed sod and to a tillage program. The tillage programs varied depending on the grower involved and ranged from a chisel-disk system to a moldboard plow.

The tests were repeated on six different sites in central and western Wisconsin. Herbicide programs for killing the sod varied but usually included Roundup for the fall kill and split applications of atrazine plus an application of Gramoxone for the spring kill.

Averaged over the six sites, corn yields were highest with the fall kill no-till treatment (120 bushels/acre), and lowest with the spring kill no-till treatment (98 bushels/acre). Yields using the growers existing tillage program were intermediate (114 bushels/acre).

The researchers attributed most of the yield differences to inconsistent weed control with the spring-applied treatments and an increased potential for soil moisture depletion with the spring-applied herbicide.

Residue cover at planting was greatest for the spring kill system at 72 percent. The fall kill system had a lower, but still acceptable, 53 percent residue coverage under these conditions.

Potential disadvantages of the fall kill no-till system include the need to decide on fields to rotate in the fall and giving up the potential for making a late harvest.

Beside the yield advantages found in this study, the fall kill system here in Pennsylvania has been a very effective way to control the perennial weeds and often results in an excellent seedbed in the spring.

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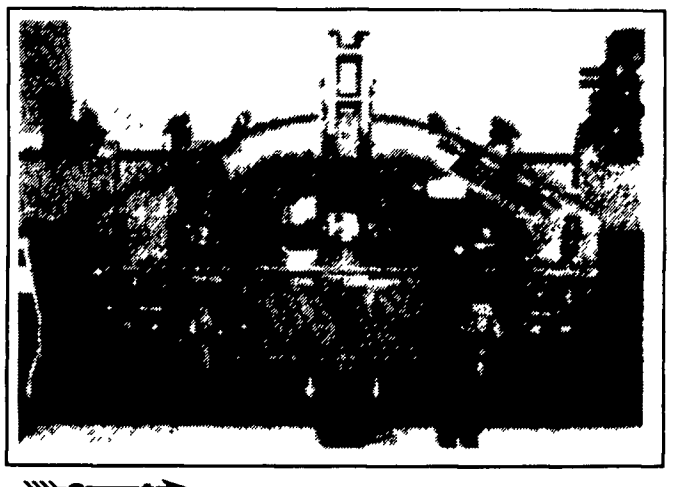

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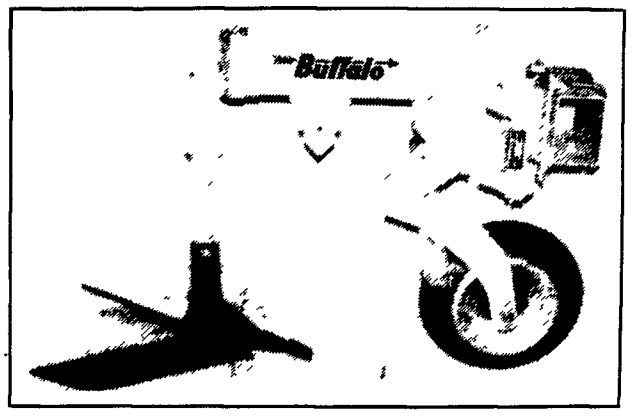

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Adjuvants Enhance Herbicide Performance

William S. Curran
Weed Specialist
Penn State

Adjuvants are commonly used in agriculture to improve the performance of pesticides. Broadly defined, an adjuvant "is an ingredient that aids or modifies the action of the principal active ingredient."

The use of adjuvants with agricultural chemicals generally falls into two categories: formulation adjuvants (present in the container when purchased by the dealer or grower) and spray adjuvants (added along with the formulated product to a carrier such as water).

The liquid that is sprayed over the top of a crop, weeds, or insect pest often will contain both formulation and spray adjuvants.

Formulation adjuvants are added to the active ingredient for a number of reasons, including better mixing and handling, increased effectiveness and safety, better distribution, and drift reduction. These traits are accomplished by altering the solubility, volatility, specific gravity, corrosiveness, shelf life, compatibility, or spreading and penetration characteristics.

With the large number of formulation options available (solutions, emulsions, wettable powders, flowables, granules, encapsulated materials, etc.), adjuvants become even more important in assuring consistent performance.

Spray adjuvants are added to the tank to improve pesticide performance. Literally hundreds of chemical additives are now available that fall into this category. Spray additives can broadly be grouped into two categories: activator adjuvants that include surfactants, wetting agents, stickers-spreaders, and penetrants, and special purpose or utility modifiers such as emulsifiers, dispersants, stabilizing agents, coupling agents, co-solvents, compatibility agents, buffering agents, antifoam agents, drift retardants, nutritionals, etc.

Descriptions of the more common types of special purpose adjuvants follow and Table 1 lists some common products sold for these purposes.

Table 1. Selected trade names and manufacturers of special purpose adjuvants

Trade Name	Manufacturer
Compatibility agents	
Blendex	Helena
Combine	Riverside/Terra
E-Z Mix	Loveland Industries
Mix-Aid	Agway
Spray-Aide	Miller Chemical
Latron AG44M	Rohm and Haas
Unite	Loveland Industries
Drift reduction	
38F	Loveland Industries
Lo-Drift	Rhone-Poulenc
Nalco-Trol	Nalco Chemical
Chem-Trol	Loveland Industries
Sta-Put	Nalco Chemical Company
Target NL	Agway
Windfall	Riverside/Terra
Anti-foaming agents	
DeFoamer	Riverside/Terra
D-Foamer	Agway
Foam Buster	Helena
The Unfoamer	Loveland Industries
Buffers	
Buffer P.S.	Helena
Buffer Xtra Strength	Helena
Combine	Riverside/Terra
Latron AG-44M	Rohm and Haas
LI-700	Loveland Industries

Special Purpose Adjuvants

Compatibility agents — Allows simultaneous application of two or more ingredients. Most often used when herbicides are applied in liquid fertilizer solutions. These are generally organic phosphatic acid esters that are anionic and form emulsions resistant to strong salt concentrations. Unless the pesticide label states that it can be mixed with liquid fertilizers, a compatibility agent should be included.

Buffering agents — Buffers usually contain a phosphate salt which will maintain a slightly acid pH when added to alkaline waters. Citric acid has more recently been promoted for this purpose. These are added to higher pH solutions to prevent alkaline hydrolysis of some organic phosphate and carbamate insecticides.

Antifoam agents - Are added to suppress surface foam and minimize air entrapment that can cause pump and spray problems. Defoamers are usually silicones or siloxanes.

Drift reduction (thickeners) — These modify spray characteristics to reduce spray drift by minimizing small droplet formation. Drift inhibitors are generally polyacrylamide or polyvinyl polymers.

Activator Adjuvants

Activator adjuvants are by far the most common type of additives used to enhance herbicide performance.

Although some products are

(Turn to Page 7)

President's Message

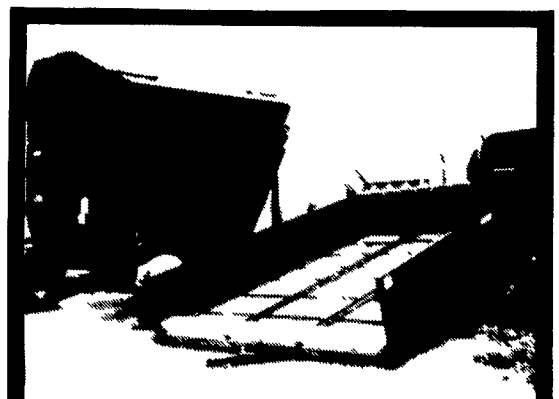
(Continued from Page 1)

your county agent about the 5 Acre Corn Club yield contest. You must be entered by July 1. We hope to see you at Ag Progress Days in August, if not before.

I think we are ready for the challenges of 1993. The course is somewhat familiar, though some of the hurdles may surprise us. We can be sure of one thing — the type of corn grower we will be tomorrow is being forged by the melting pot of experiences we face today.

Sincerely,

H. Grant Troop
PMCGA President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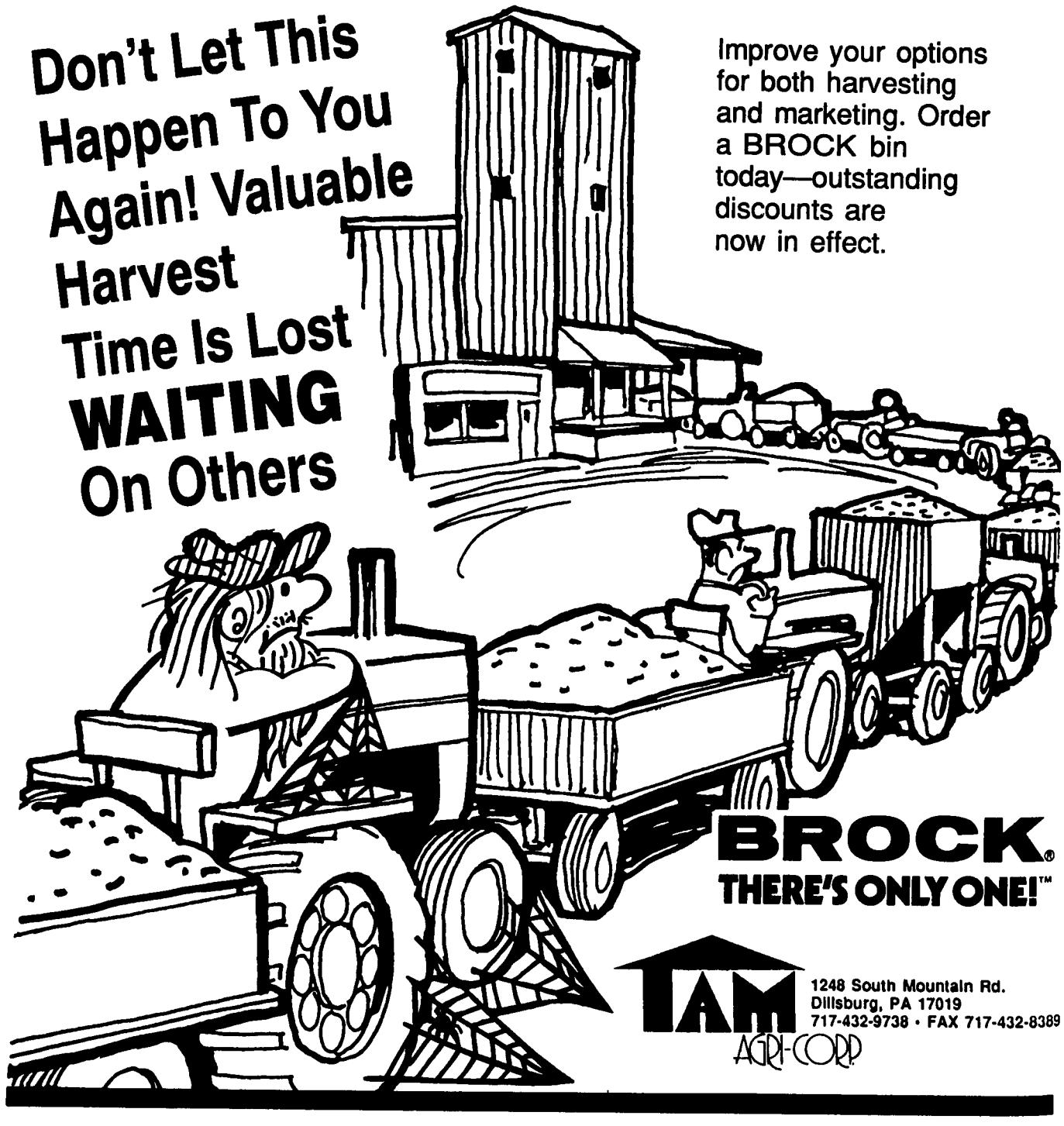
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Adjuvants Enhance

(Continued from Page 6)

sold to alter pesticide-soil interactions, the emphasis of this discussion will be on foliar applied materials. The primary use of activator adjuvants is with postemergence herbicide applications.

Before any foliar-applied herbicide can perform the desired biological function, it must be transferred from the leaf surface into the plant tissue. The above ground portions of plants are covered by a continuous non-cellular, non-living membrane called cuticle. Cuticle is the first barrier that any herbicide must overcome in order to be effective. The plant cuticle is composed of water repellent waxes consisting of mixtures of long-chain alkanes, aldehydes, ketones, esters, alcohols, and fatty acids.

Other components include cutin, which is cross-linked hydroxylated fatty acids, and pectins which can provide pathways for more water soluble pesticides. The structure of plant cuticle can be likened to a sponge where the matrix of the sponge corresponds to the cutin and the holes correspond to the embedded wax. The surface of the sponge is also covered with wax (epicuticular wax). Cuticle is extremely heterogeneous and varies greatly between different species of plants.

Waxes are the principal barrier restricting herbicide movement into plant foliage. However, the chemical or physical properties of the wax appear to be more important in restricting penetration than thickness. Surface wax high in hydrocarbons, aldehydes, and ketones is less permeable to water and most herbicide sprays than cuticle membranes high in more polar waxes such as esters and alcohols. For example, the surface wax of common lambsquarters is known to be a strong barrier to herbicide penetration. Lambsquarters cuticle wax is high in aldehydes which may help prevent the passage of more polar (e.g. water soluble)

(Turn to Page 8)

CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Table 2. Effectiveness of adjuvants[1] in selected weed trials at Penn State.

Treatment	Wirestem mehly[2]	Giant foxtail[3]
	-----(% control)-----	
Accent + NIS	67	-
Accent + COC	73	
Accent + MVOC	78	-
Pursuit + NIS	-	78
Pursuit + COC	-	95
Pursuit + DASH	-	94
Pursuit + DASH + UAN	-	99

[1] NIS = nonionic surfactant; COC = crop oil concentrate; MVOC = methylated vegetable oil concentrate; DASH = surfactant from BASF; UAN = 28% urea ammonium nitrate.
[2] Accent applied at 2/3 oz./A and averaged over two locations.
[3] Pursuit applied at 4 oz./A

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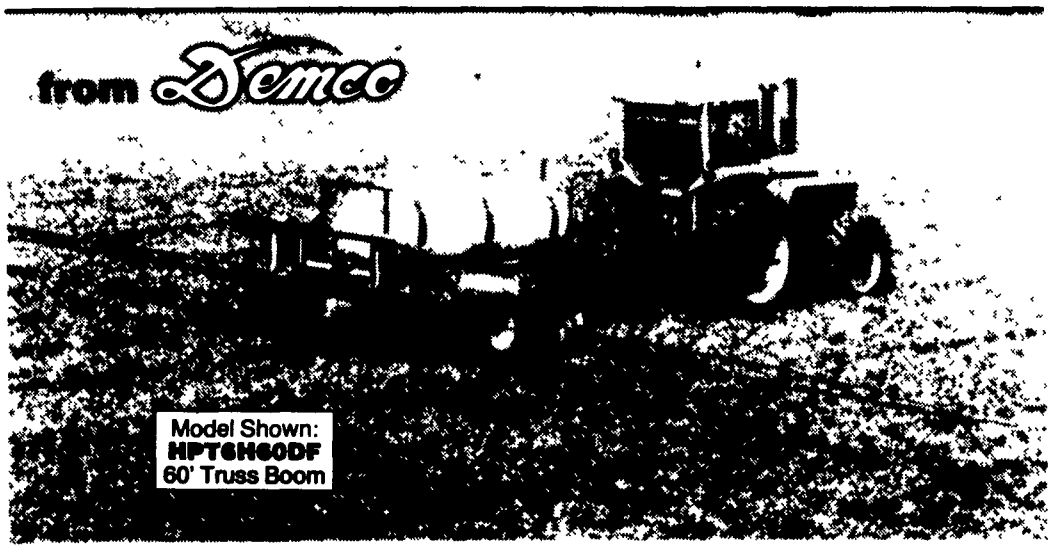

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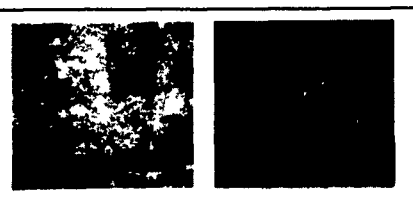

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Adjuvants Enhance

(Continued from Page 7)

herbicides. Not only does cuticle composition vary between species, but also the age of the plant has been associated to differences in leaf wax chemistry over time.

The most common types of activator adjuvants employed are surfactants, oils, and salts. Activator adjuvants influence the physicochemical properties of the spray solution including surface tension, density, volatility, and solubility. These properties will in turn modify the spreading, wetting, retention, and penetration of the spray solution. It is important that the appropriate adjuvant is selected for a particular pesticide product. The type of adjuvant added to the spray tank can enhance or reduce the performance of the pesticide. The relative effectiveness of several adjuvants on herbicide performance is shown in Table 2. In both these trials, nonionic surfactant was less effective than other types of adjuvants; however, with other weeds or herbicides nonionic surfactant might be the more appropriate choice.

The first step in choosing the correct additive for a specific product is to read the pesticide label. The wrong adjuvant may increase the risk of poor performance and/or crop injury.

Surfactants

The primary purpose of a surfactant or "surface active agent" is to reduce the surface tension of the spray solution in order to allow more intimate contact between the spray droplet and the plant surface. Any substance that brings a pesticide into closer contact with the leaf surface has the potential to aid absorption.

Surface tension is a measure of the surface energy in terms of force measured in dynes/cm. Water has a surface tension of 73 dynes/cm. Surfactants lower the surface tension of water to that of an oil or solvent which spread more readily than water on plant surfaces. Surfactants typically lower the surface tension of a solution to between 30 and 50 dynes/cm.

The interaction between surfactant, herbicide, and plant surface is far more complex than simply lowering the surface tension of the pesticide solution. Surfactant molecules may also alter the permeability of the cuticle. Surfactants form a bridge between unlike chemicals such as oil and water or water and the wax on a leaf surface.

There are many different types of surfactants. In general, they are constructed of a long chain hydrocarbon group on one end which is considered lipophilic (fat loving) and a more hydrophilic (water loving) group of atoms on the other end. The structure of surfactants is often represented by a tadpole or polliwog type of arrangement such as seen in Figure 1.

(Turn to Page 9)

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Adjuvants Enhance

(Continued from Page 8)

Figure 1. Polliwog representation of a surfactant molecule.

The zigzag tail represents the long chain hydrocarbon group that gives the molecule it's lipophilic characteristics. The head of the polliwog contains more polar groups (e.g. hydroxyls) which give the molecule its hydrophilic characteristics.

The influence of the surfactant on herbicide performance can be species specific since leaf wax composition varies. For some herbicides, surfactant preference is also herbicide dependent. For example, Roundup (glyphosate) is a very polar herbicide that requires a more polar type of surfactant (such as the ethoxylated fatty amines) to improve activity. Non-polar or highly lipophilic surfactants can actually decrease the performance of Roundup in comparison to no surfactant at all.

Surfactant molecules can be synthesized to achieve specific solubility characteristics often referred to as the hydrophilic-lipophilic balance (HLB). The capability of a surfactant to modify herbicide penetration is partially attributable to the HLB, with each herbicide-species interaction having an optimum HLB requirement for the surfactant employed. HLB numbers for surfactants are often given on technical information sheets for specific products and will range from 0-40 with most of them between 1 and 20. Low HLBs will be very oil soluble, while higher HLB's prefer water.

Surfactants are classified as nonionic, anionic, or cationic. Nonionic surfactants have no electrical charge and are generally compatible with most pesticides. Nonionic surfactants are typically polyoxyethylated aliphatic alcohols and may contain free fatty acids or fatty acid esters. Nonionic surfactants are most commonly used because of their universal fit.

An anionic surfactant possesses a negatively charged functional group such as sulfates or phosphates and is most often used with acids or salts. Anionic surfactants are more specialized and sometimes used as dispersants or compatibility agents. Cationic surfactants are used less frequently, but one group (ethoxylated fatty amines) is increasing in popularity because of their effectiveness with the herbicide Roundup.

The organosilicone based materials are another group of surfactants more recently introduced. These surfactants are used in place of a more traditional nonionic surfactant. Proponents of these surfactants stress low surface tension and possible stomatal penetration characteristics. Several silicone-based products are currently available for use with postemergence herbicides (Tables 3 and 4).

Finally, BASF introduced the surfactant Dash for use with their herbicide Poast. Dash contains a mixture of surfactants and fatty acids and can improve both the penetration and performance of herbicides like Poast. Surfactants are usually applied at 1/2 to 2 pints per acre.

Table 3. Selected trade names and manufacturers of nonionic surfactants.

Trade Name	Manufacturer
Activate Plus	Riverside/Terra
Activator 90	Loveland Industries
Charger E	Agway
Dash (surfactant + fatty acids)	BASF
Frigate (fatty amine ethoxylate)	SDS Fermenta
Improve (fatty amine ethoxylate)	DowElanco
Induce	Helena
Kinetic (organosilicone)	Helena
Spray Booster-S	Cenex/Land O'Lakes
Spreader Sticker	Agway
Spret	Helena
Surf-Aid	Riverside/Terra
Surfac 820	Drexel Chemical
Surfac 910	Drexel Chemical
Triton AG 98	Rohm and Haas
Valent X-77	Valent Chemical

Oils

Adjuvants that are primarily oil based have become very popular with pesticide applications within the last several years. Crop oils are probably the oldest group within this category.

Crop oil is a misnomer and is actually a petroleum (paraffin or naphtha based), not vegetable derived, phytobland (non-phytotoxic), nonaromatic oil of 70 to 110 second viscosity

(Turn to Page 10)

Table 4. Selected trade names and manufacturers of oil-based additives.

Trade Name	Manufacturer
Crop oils	
Cenex Spray Oil	Cenex/Land O'Lakes
Dormant oil	Riverside/Terra
Knock-Down Crop Oil	Cenex/Land O'Lakes
Crop oil concentrates	
Activate Oil Adjuvant	Drexel Chemical
Agicide Activator	Loveland Industries
Agri-Dex	Helena
Booster Plus E	Agway
Cenex 17% Concentrate	Cenex/Land O'Lakes
Herbimax	Loveland Industries
Penetrator	Helena
Prime Oil	Riverside/Terra
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Cenex Veg. Oil (soybean)	Cenex/Land O'Lakes
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Land Oil (vegetable)	Wilkens Assoc.
Meth Oil (methyl soybean)	Riverside/Terra
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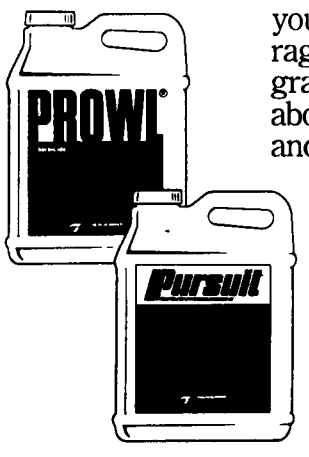

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Adjuvants Enhance

(Continued from Page 9)

(water = 1 and 30W motor oil = 300). Crop oils are 95 to 98 percent oil with 1 to 2 percent surfactant/emulsifier.

Crop oils are believed to promote the penetration of pesticide spray through waxy cuticle or the tough chitinous shell of insects. The oils may also be important in helping solubilize more non-polar herbicides such as Poast, Fusilade, and atrazine on the leaf surface. Traditional crop oils are more commonly used in insect and disease control than with herbicides. Crop oils are typically used at 1 to 2 gallons per acre.

Crop oil concentrate contains 80 to 85 percent phytobland emulsifiable crop oil (petroleum based) plus 15 to 20 percent nonionic surfactant.

The purpose of the surfactant in this mixture is to emulsify the oil in the spray solution and lower the surface tension of the overall spray solution. Crop oil concentrates attempt to provide the penetration characteristics of the oil while capturing the surface tension reduction qualities of a surfactant. Crop oil concentrates are used at 1 to 3 pints per acre.

Traditional crop oil concentrates have been petroleum based. However, recent introductions have also included plant or vegetable based oil concentrates. Vegetable oil concentrates have often been less consistent than their petroleum based counterparts. However, more recently manufacturers are attempting to improve plant or vegetable based oils by increasing their non-polar or lipophilic characteristics.

The most common method has been through esterification of common seed oils. Methylated sunflower, soybean, cotton, and linseed oils are commercially available as oil concentrates. The methylated forms of these seed oil concentrates are comparable in performance to traditional crop oil concentrates, so their importance may increase in the future.

In taking it one step further, organosilicone based methylated vegetable oil concentrates are also available. These adjuvants boast the surface tension reducing properties of silicone plus have the advantages of a methylated vegetable oil concentrate. The more widely available oil-based additives are given in Table 4.

Liquid Fertilizer

Within the last 10 years, liquid fertilizers are more frequently added to the spray solution as an adjuvant to increase herbicide activity. Ammonium salts (NH4+) appear to be the active component of these fertilizer solutions and have improved the performance consistency on some weeds.

It is still unclear how ammonium salts improve herbicide performance. Herbicides that appear to benefit from the addition of ammonium are the relatively polar, weak acid herbicides such as Basagran, the sulfonylureas (Accent, Beacon, Classic, and Pinnacle), and the imidazolinones (Pursuit).

Fluid fertilizers may replace surfactant or crop oil concentrate with some of the contact-type herbicides, but are usually added in addition to surfactant or crop oil concentrate with systemic products.

Velvetleaf in particular has been responsive to the addition of fluid fertilizer in the spray mix. In general, velvetleaf control has improved by as much as 10 to 25 percent by the addition of an ammonium based fluid fertilizer (28, 30, or 32 percent UAN, 10-34-0, or 21-0-0) compared to crop oil concentrate or surfactant. Common rates are one gallon per acre of 28, 30, or 32 percent UAN, one quart per acre of 10-34-0, or 17 pounds per 100 gallons dry ammonium sulfate.

Some broadleaves and grasses show little or no response with the inclusion of ammonium fertilizer solutions. See Table 5 for a list of appropriate adjuvants with foliar-applied corn or soybean herbicides.

Summary

The type of adjuvant added to the spray tank can enhance or reduce the performance of the pesticide. Both herbicide and species will influence the appropriateness of the adjuvant.

Although there are a number of different kinds of activator adjuvants on the market, the primary purpose is to reduce the surface tension, improve the wetting, and increase the penetration of the pesticide.

In order to choose the correct additive for a specific product, first read the pesticide label. The wrong adjuvant increases the risk of poor performance and crop injury. An appropriate adjuvant will assure maximum performance and crop safety.

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(Turn to Page 11)

Table 5. Spray adjuvants for post corn and soybean herbicides.

Herbicide	Additive[1]
Corn	
Atrazine	COC
Accent	NIS or COC ± UAN
+ Atrazine	COC ± UAN
+ Banvel or Marksman	NIS ± UAN
+ Buctril or	NIS ± UAN
+ Buctril/atrazine	
Beacon	NIS or CCC or VOC± YAN
+ 2,4-D or	NIS
+ Banvel or Buctril	
Bladex or Extrazine DF	NIS or VOC[2,3]
Banvel or Marksman	NIS or UAN[3]
Clarity	NIS or COC± UAN[3]
Laddok or Basagran + atrazine	COC or VOC or UAN
Laddok + 2,4-D LVE	UAN
Soybeans	
Broadleaf	
Basagran	COC or VOC or UAN
Blazer	NIS or UAN
Classic	NIS or COC + UAN
Cobra	NIS or COC or UAN[4]
Galaxy	COC or UAN
Pinnacle	NIS or COC[5] + UAN
Pursuit	NIS or COC or VOC or DASH + UAN
Reflex	NIS or COC + UAN
Scepter	NIS
Storm	NIS or COC or UAN
Grass	
Assure II	NIS or COC
Fusilade	NIS or COC or VOC + UAN
Fusion	NIS or COC or VOC + UAN
Poast	COC or VOC or DASH + UAN
Poast Plus	COC or VOC or DASH + UAN
Select	COC

[N]IS = nonionic surfactant; COC = crop oil concentrate (petroleum based); VOC = vegetable oil concentrate (plant based); UAN = urea-ammonium nitrate; DASH = BASF Adjuvant.
[2] Only under drought conditions.
[3] Increases injury potential.
[4] Use NIS if greater than 80% relative humidity
[5] Use COC only under dry conditions

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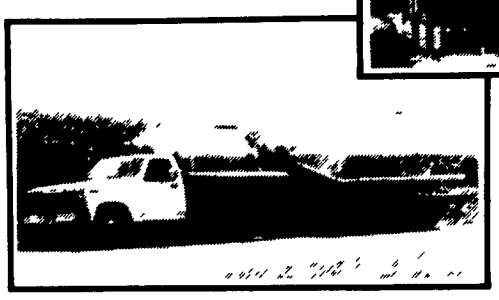

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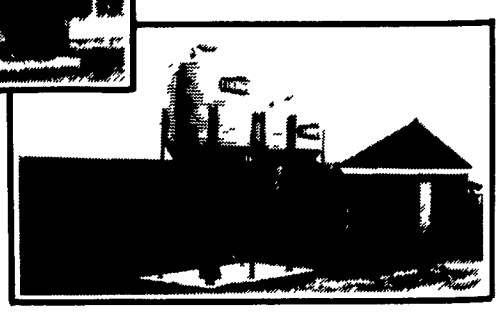

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Espy Promises Support For Ethanol

SAN ANTONIO, Texas — Secretary of Agriculture Mike Espy addressed more than 2,000 attendees at the National Corn Growers Association's (NCGA) 35th annual Corn Classic in San Antonio.

The themes of team-building to keep agriculture strong and commitment to improved farm income were woven throughout his remarks. In addition to promoting President Bill Clinton's economic package, Espy's speech and earlier press conference included several agriculture-specific points.

Ethanol. "Ethanol is important to this administration and President Clinton will continue to support it. We are committed to keeping ethanol part of the equation," said Espy. Although he had no specific, substantive announcements, he noted within USDA he will continue the ethanol research program to lower ethanol costs through improved production technology.

At an earlier press conference, Espy said the administration is "trying to determine" whether ethanol as a biomass is exempt from the Clinton administration's proposed BTU tax.

• Methyl bromide. As a result of negotiations with the U.S. Environmental Protection Agency (EPA), the manufacture and use of methyl bromide will not be reduced until the year 2000. The chemical, widely used in the marketing and transportation of grain and as a pre-plant fumigant, was listed as a Class I ozone depleter by the previous administration. That designation meant that its manufacture and use would end by 1994.

In addition, his compromise with EPA includes further scientific reviews of the chemical, which EPA has agreed could result in its delisting as a Class I ozone depleter. "We have been concerned at the lack of scientific evidence and the lack of a reasonable alternative," Espy said.

• Restructuring USDA. "I will put my Washington house in order and then go out into the field," said Espy. In both locations, he is committed to co-locating offices and making "better use of time and money while making USDA a farmer-ready, user-friendly, service-delivery agency," he said. The streamlining will help him meet his targeted goal of a $65 million budget cut in 1994.

• Test weights. USDA will suspend the double discount on low test weight corn for the 1993 growing season to give "all corn growers a level playing field at home." Following a cold and wet growing season in the northern Corn Belt, many farmers have been discounted twice — on test weight alone and under ASCS loan.

• Meat inspection. Following the fatal E. coli infection of meat at a fast-food chain in Washington state, Espy said the USDA had taken several short- and long-term initiatives to improve food safety through USDA's meat inspection service. These include better record-keeping and audit trails at meat-packing plants, voluntary efforts by food service establishments to cook meat longer and the hiring of 160 new meat and poultry inspectors.

• NAFTA and GATT. "President Clinton will review NAFTA to try to make it as fair as possible, but he will sign it at the end of the process," Espy promised. GATT will not come in under the March 1993 fast-track deadline, Espy said he was told by U.S. negotiator Mickey Kantor. However, he said the administration is committed to a final package good for U.S. agriculture.

• Export credits to the former Soviet Union. Although Espy had no announcement, he is reviewing several options and will soon announce a "practical" solution that will restore confidence in the loans despite the region's repayment difficulties.

"We need to pursue and maintain this market," he said, noting that substantial cuts in feed grain imports would cause liquidation of livestock there. "Ongoing grain sales are the best downpayment on democracy there. We can't afford to lose that market."

Secretary Espy was joined at the Corn Classic General Session by House Agriculture Chairman Kika de la Garza. Espy participated in the ceremony to affiliate his home state of Mississippi as the 24th state to join NCGA. The session was sponsored by DowElanco.

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Adjuvants Enhance

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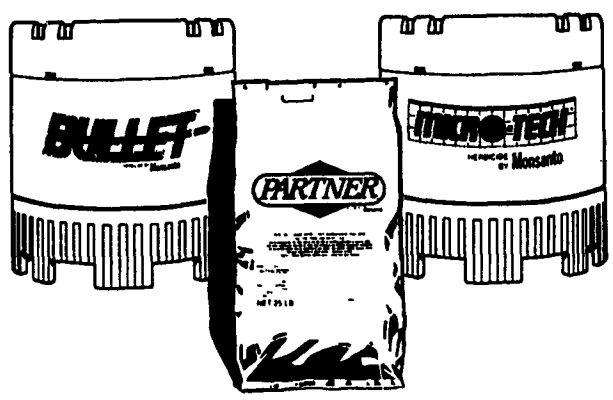
YIELD ADVANTAGE



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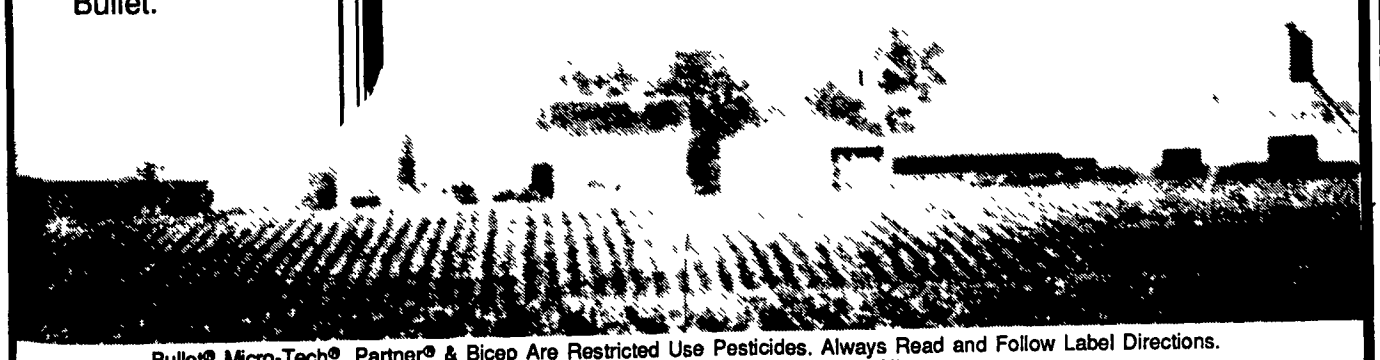

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Global Demand, Environment Issues Capture Grower Attention

SAN ANTONIO, Texas — U.S. corn growers will have to be increasingly assertive if they want to capture more world markets for their commodity.

That's the message Dennis Avery, director of global food issues for the Hudson Institute, delivered to farmers at the National Corn Growers Association's (NCGA) 35th annual Corn Classic.

"The world will rapidly triple its demand for farming resources. And virtually all of the demand increase will come in Asia," said Avery.

He noted China already has one of the largest economies in the world, and that per capita income in China has doubled since 1980.

"Asia will want more protein. But corn growers are not in a position to play," said Avery. "We're still trying to maximize return from Washington, D.C., but we will not get access to Asia with federal farm subsidies."

"Farmers have to demand that the government take them out of their straight-jacket," said Avery. "We need free trade. We need to get import barriers out of the way."

He urges farmers to press for a new round of negotiations under the General Agreement on Tariffs and Trade (GATT) to much more forcefully require other countries — particularly Japan and the European Community — to substantially reduce trade barriers. Avery's appearance at Corn Classic was sponsored by Cargill.

Also at Corn Classic, growers checked agriculture's pulse with the public. "Farm Futures" magazine presented results of a recent Gallup poll defining how farmers perceive the public's views on agricultures' commitment to environmental stewardship.

The poll revealed that while most farmers think they are viewed as responsible stewards by their urban neighbors, 43 believe consumers are more concerned about environmental issues associated with agriculture than they were five years ago.

"The majority of farmers believe consumers are more concerned because they are more aware of environmental issues, not because the problems are getting worse," says Max Larsen, executive vice president with Gallup. "Four of five farmers believe current safeguards are sufficient to protect people and the environment, but almost as many think the public doesn't understand those safeguards."

In sharp contrast to those findings, Lawrence Kaagan of Kaagan Research Associates, noted during the session that on-going surveys by his firm show the public actually views farmers quite favorably. Kaagan Research asked consumers to rank 10 diverse industries in terms of commitment to protecting the environment. Agriculture ranked NO. 1. Others, ranked in descending order, were forestry, electric utilities, fast food, pharmaceuticals, steel, auto, metal and mining, waste disposal, chemical, and oil and gas.

Of those surveyed, 44 percent ranked agriculture as "excellent or good;" only 14 percent rated it "poor." In contrast, 10 percent rated oil and gas as "excellent or good;" 57 percent rated it "poor." "Monitoring the Pulse of Agriculture" was jointly sponsored by *Farm Futures* and Sandoz Corp Protection Corp.

NCGA is a national commodity organization with more than 27,700 members in 47 states and 24 affiliated state organizations.

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

U.S. To Celebrate 50 Billionth Export

WASHINGTON, D.C. — Fifty billion bushels — enough corn to fill nearly 175,000 miles of rail cars that would circle the earth seven times. During 1993, the United States will pass the 50-billion-bushel mark for corn exports. The U.S. Feed Grains Council and Pioneer Hi-Bred International plan to coordinate a series of high-profile activities to recognize and commemorate this significant event.

USDA has records that date back to the Civil War tracking corn exports. The United States hit the billion-bushel mark of total corn exports in 1888; 5 billion in 1953; 10 billion in 1967; 25 billion in 1978 and the 50-billionth bushel will be exported in 1993.

"This is a very significant event," said Kenneth Hobbie, president of the U.S. Feed Grains Council. "Sometimes we forget the sheer enormity of our grain export business, how successful we have been and what impact it has had not only on our agricultural and rural economics, but also on the economy of the United States as a whole. This is a clear example of a great American success story."

Included in the events planned by Pioneer and the Council will be a gala celebration later this spring in New Orleans to commemorate the 50-billionth bushel. The event will be held at Continental Grain Company's Westwego grain export facility, where representatives from all sectors of the corn production and export business will be invited to participate in a ceremonial placing of the "50-Billionth Bushel" of corn on an export bound vessel.

"Fifty billion bushels is an almost incomprehensible amount of corn," said Charles Ottem, farmer from North Dakota and the 1993 chairman of the U.S. Feed Grains Council. "It is an event that we need to take pride in not only as farmers, but also the entire agribusiness sector from seed to export. Think of the worldwide impact and the industries that have been spawned and supported around the world based on U.S. corn as an exported raw material."

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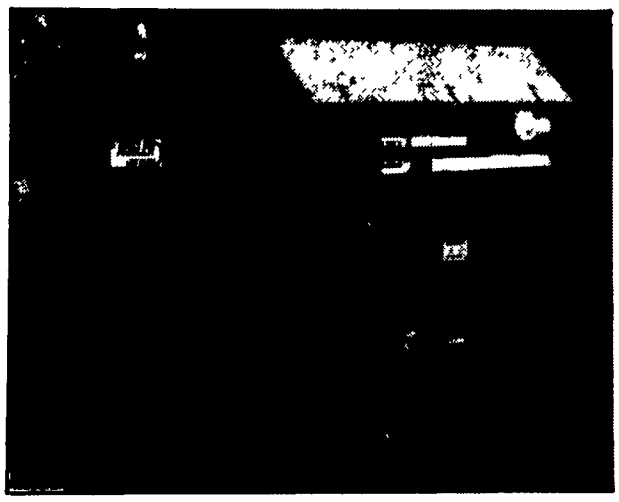

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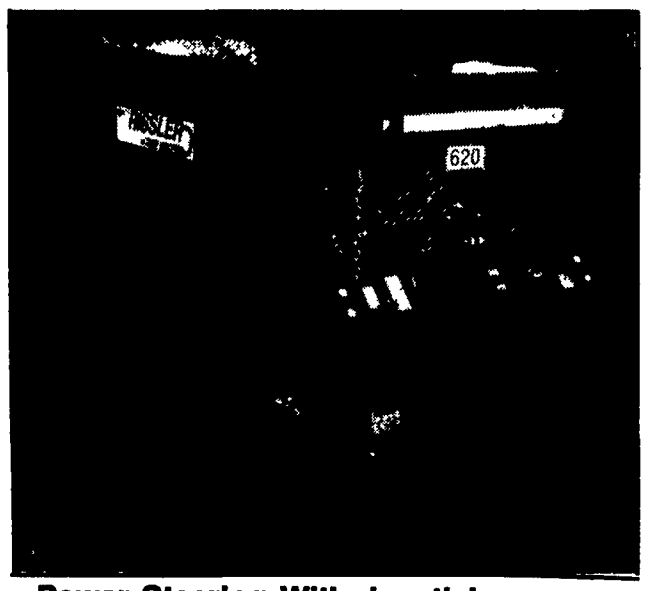

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Ethanol's Fate To Be Decided

SAN ANTONIO, Texas — The next six to eight months will decide if ethanol lives up to its potential and becomes a key component of the nation's efforts to fight urban air pollution, according to Eric Vaughn of the Renewable Fuels Association.

Vaughn said he could not predict if the final resolutions governing ethanol would favor the corn-based fuel, but one thing is certain. The oil industry will spare no energy to protect its market share, he said, and the nation's corn producers must follow this example.

Vaughn, Al Grosboll — an adviser to Illinois Governor Jim Edgar — and Barbara Charnes of Coloradans for Clean Air critiqued efforts to position ethanol in the Clean Air Act Amendments (CAAA) and made recommendations on strategies to bring a speedy resolution to the issue. The panel discussion at the National Corn Growers Association's (NCGA) 35th annual Corn Classic entitled "The Road Ahead for Ethanol and the Clean Air Act" was characterized by a sense of urgency to resolve the issue.

"The on-again, off-again nature of the ethanol regulatory process is hurting the expansion of the ethanol industry. This means jobs are being held up. Jobs in construction, jobs in ethanol production and jobs are a key part of this issue in Illinois," said Grosboll.

However, jobs are only a small part of the national political debate surrounding ethanol. The environmental benefits of ethanol and the renewable nature of the fuel are crucial to carving out its niche, Vaughn and Grosboll agreed.

Individual citizens must become involved in the process if ethanol is to get fair treatment and equal access to the market, Charnes said. Ethanol would never have survived to become a major part of Colorado's clean air strategy if private citizens had not become involved. Oil lobbyists are numerous and powerful, but voters can win if they let their voices be heard, she said.

"The oil industry has 27 full-time lobbyists working on the alternative fuels agenda in Washington, D.C., so corn growers need to tackle this head on. Stay active and keep yourself involved," Vaughn said.

The panel, moderated by T.V. personality Kathleen Sullivan, agreed that Vice President Al Gore will be key to deciding the issue. Letters from corn producers and more research documenting ethanol's environmental benefits need to be sent to Gore.

"Don't get lost because of the complexity of the issue. The reality is ... there is a good product there. Keep writing to your Congressman, keep pressure on the president and support your Corn Grower organization because they have been effective," said Grosboll.

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The Quality Index is part of our corn silage Menu that identifies hybrids with the most important quality traits - energy, protein, fiber and fiber digestibility.

MATURITY		GRAIN YIELD	FORAGE YIELD		(ENERGY)		(INTAKE)		DAIRY
DAY RANGE	HYBRID	AT 15 5% MOISTURE	70% TONNAGE MOISTURE	CRUDE PROTEIN	% DM NFC	IN VITRO NFC DIGESTIBILITY	% DM NDF	IN VITRO FIBER DIGESTIBILITY	QUALITY INDEX
Early 95-100	[illegible]	8	7	7	8	6	8	5	43
	[illegible]	5	3	5	7	6	-	6	49
	61[illegible]	6	5	7	7	6	-	6	47
	611[illegible]	7	9	6	9	8	9	6	48
Medium 108-112	[illegible]	9	6	6	9	9	9	9	64
	68[illegible]	7	6	9	8	8	9	5	45
	SX[illegible]9	-	9	-	3	5	3	9	64
	622[illegible]	8	8	5	9	-	8	6	42
Mod Late 113-120	709[illegible]	8	8	4	6	6	5	6	45
	70[illegible]	9	9	7	6		-	5	47
	802[illegible]	6	7	7	8	9	8	8	62
	812[illegible]	8	-	9	8	9	9	9	68
Late 120-130	81[illegible]	7	9	3	9	9	9	6	46
	852[illegible]	8	9	8	8	8	8	6	48
	90[illegible]	9	5	4	8	7	8	5	38
	9197	-	9	6	6	6	6	9	66

RATING SCALE	
9 8	Outstanding
7 6	Above Average
5	Average
4 3	Below Average
2 1	Substandard

University conducted research supported by Cargill has built the data base for the whole plant quality portion of this menu. Quality profiles were developed by the use of in Vitro Rumen Fermentation technology. In Vitro True Digestibility was used to measure whole plant energy. In Vitro Cell Wall Digestibility was used to measure fiber digestibility and correlated to dry matter intake.

Only time-tested hybrids with outstanding corn silage production potential are added to our updated Menu. There's a Menu, such as shown at left, for hybrids adapted to your area.

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At the 1993 National Silage Production Conference, Syracuse, NY, many experts were in agreement that this concept of evaluating corn hybrids is a worthwhile approach to improving dairy production.

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Amy Hoy Hickory, PA
Woody Kyper Huntingdon, PA
Fabin Bros. Farm Indiana, PA
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New Board Members Seated

STATE COLLEGE (Centre Co.) — Elections were held recently to seat new board of director members for the Pennsylvania Master Corn Growers Association (PMCGA).

Curt Rakestraw of Montoursville and Rich Burd of Uniontown were reelected as farmer members to serve on the board. Scott Hummel of Sunbury was also elected as a farmer member on the board.

Dave Hartman, an extension agent from Columbia County, was elected to the vacant extension director seat on the board. Rob Kauffman, a district sales manager with Hoffman's Seeds from Huntingdon County, was elected to the board as an industry representative.

Outgoing directors include Fiero Lupini from Columbia County, Fritz McGrail from Webb's Super Gro in Clinton County, and John Shearer, extension agent from Franklin County.

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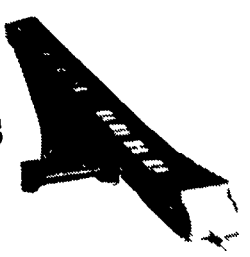
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Corn Growers Announce Results

WASHINGTON, D.C. — Members of National Corn Growers Association (NCGA) plan to plant about 2 percent fewer corn acres in 1993, compared with 1992, but more plan to emphasize environmentally sound practices such as no-till and reduced fertilizer inputs, according to a Gallup survey released recently by NCGA.

The survey, conducted in February, shows that farmer-members plan to plant 463.3 acres of corn compared with 473.1 acres in 1992. The results were based on interviews with 507 corn farmers in 30 states.

A weighted sample indicates that 44 percent plan to use no-till this year, compared with 39 percent in 1992. No-till practices conserve topsoil and reduce runoff into streams. In addition, most plan no increase in fertilizer application; 11 percent plan to reduce fertilizer inputs.

If the survey of NCGA members is applied to total U.S. corn acreage, plantings in 1993 would slip to 77.8 million acres. According to USDA, 79.3 million acres of corn were planted in teh U.S. in 1992. Other results include:

*10 percent plan to grow specialty corn in 1993.

*In 1992, 39 percent of the members dedicated more than 25 percent of their acreage to no-till.

*Members average corn yield in 1992 was 142.3 bushels per acre, compared with the national average of 131.4 bushels per year

*In 1993, 65 percent plan to forward price a portion of their corn crop.

*Members currently using a marketing consulting service include 29 percent.

*84 percent think government policy should promote the use of corn for ethanol.

The survey, in addition to checking economic and planting trends, examined environmental attitudes of growers. Results show that growers feel they are in a Cath-22 situation regarding the environment and the public's perception of them.

"Seventy-three (73) percent said they would use more environmentally benign herbicides, even if they had to sacrifice some weed control," said Randy Cruise, NCGA president and a farmer from Pleasanton, NE. "Eighty-four (84) percent said they feel unfairly perceived as poor environmental stewards. They feel constrained to use existing products because environmentally superior products are not available. The growers surveyed estimated their yield would be reduced by one-third if they quit using pesticides."

"Not surprisingly, 90 percent said the Environmental Protection Agency should move more quickly to decide on registering pesticides with environmental and toxicological improvements," Cruise told reporters.

Several new products are pending registration at EPA. Many of these have very low use rates and favorable environmental and safety properties.

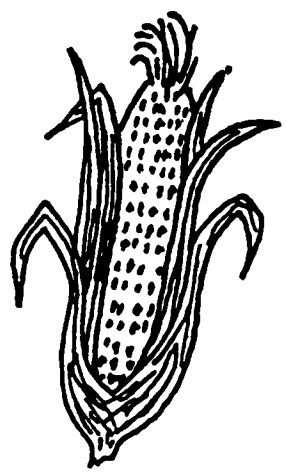
Corn grower members showed significant support for the development of new uses for their abundant commodity.

"The farmers indicated new use development is the highest priority for NCGA programs and farm programs, which reinforces our commitment to market development," Cruise said.

One industry group estimates total food, seed and industrial use for corn will increase from 1.485 billion bushels in 1992 to 2.378 billion bushels by the year 2001. That assumes a renewed focus on new products by corn farmers, industry and government.

NCGA's board of farmer-directors were in Washington, DC, during this, National Agriculture Week, canvassing Congress with corn grower perspective on issues including ethanol and President Clinton's economic plan.

NCGA conducted the Gallup survey in conjunction with Doane Agricultural Services Company.



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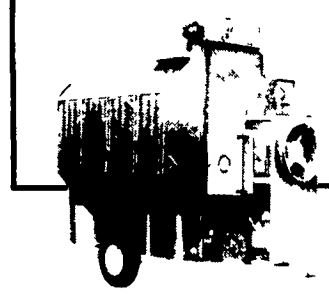

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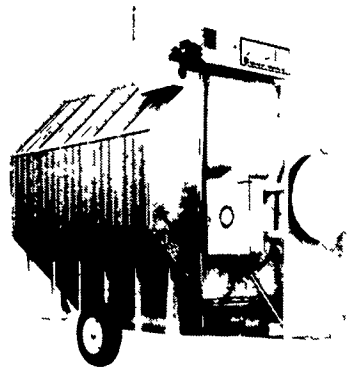

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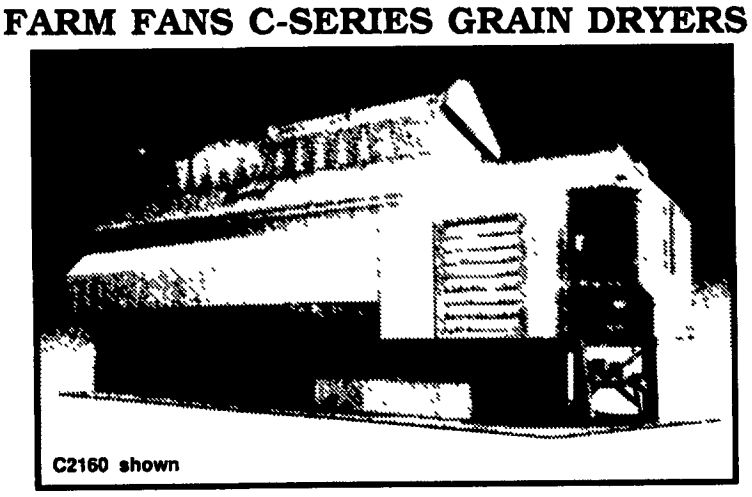

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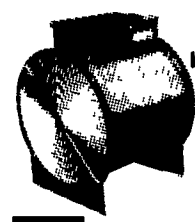

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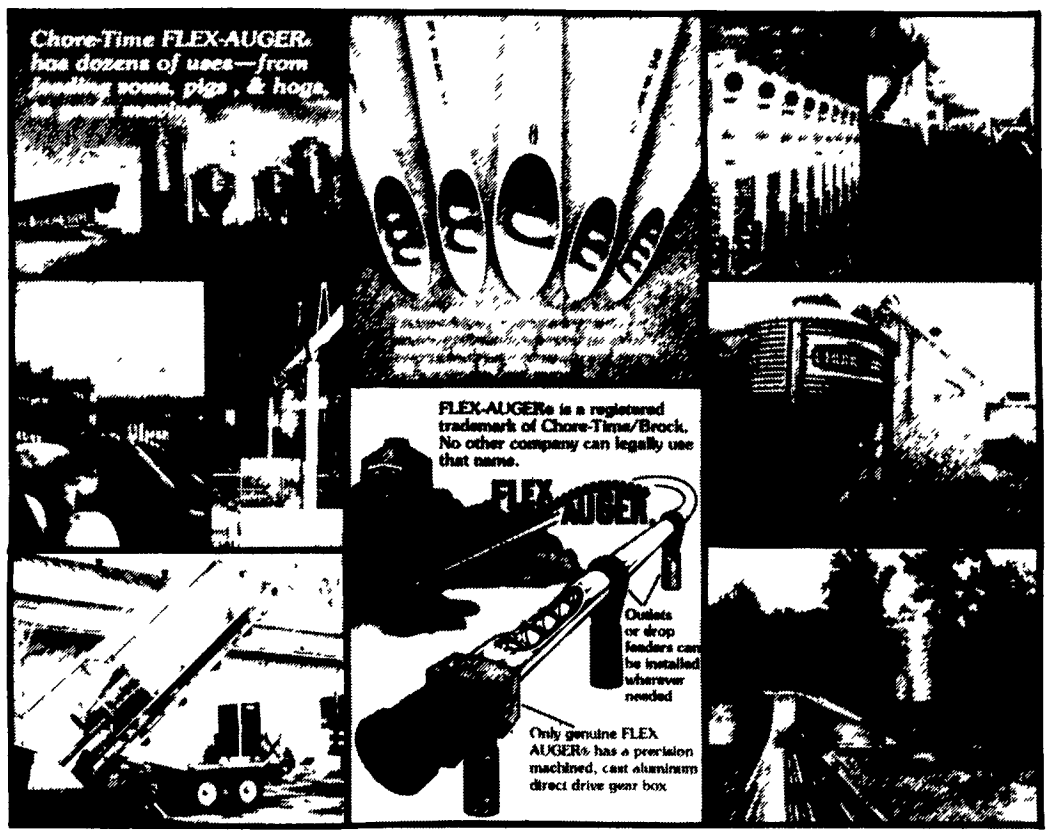
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Small-Scale Ag Alternative: Specialty Corns

George Dickerson
Extension Horticulture Specialist
New Mexico Cooperative Extension

George B. Holcomb
Office of Public Affairs
USDA

Howard W. "Bud" Kerr, Jr.
USDA

Five hundred years ago, Columbus was one of the first Europeans to set eyes on maize — the foundation of most great Western Hemisphere civilizations, including those of the Incas, Mayans, and Aztecs.

In the April 1992 Organic Gardening magazine, Shepherd Ogden said, "sweet corn is the most American of vegetables." His article has tips for growers.

In 1540, Coronado noted maize or corn growing under irrigation among native Americans of the southwestern part of what is now the United States. Corn largely kept the Pilgrims alive during the harsh winter of 1620 on the East Coast. The oldest known remains of corn cobs may be in Tehuacan, Mexico, dating back 7,000 years. Most corn historians consider a wild grass called Teosinte one of modern corn's primary ancestors.

Corn is one of the most diverse grain crops. Nature by itself and man working with it have produced many types of corn. Corn is generally classed as to kernel endospemm characteristics. Endospemm refers to a seed's nutritive tissue, surrounding and absorbed by the embryo.

The six most common corn types include flint, flour, dent, pop, waxy, and sweet. A seventh is called pod or tunicate corn, which may have endospemms like the other six. Pod corns differ from the others in that each individual kernel is enclosed in a glume or husk.

Popcorns are basically small-kemeled flint types. Waxy corn carries a gene which results in the production of 100 percent amylopectin, that is, starchy pectin.

Sweet Corn

Standard sweet corn at the immature, milky stage contains about 10 percent sucrose, while field corn in the same stage has about 4 percent. After harvest or if left on the stalk too long, sucrose in standard sweet corn is rapidly converted to starch.

Unlike dent corn, sweet corn is not grown for feed or flour, although USDA researchers have developed a technique to produce a high-fiber, no-calorie flour from pericarps that surround kernels, holding them on the cob.

Sweet corn kernels often have a wrinkled, glassy appearance resulting from a sugary gene which retards the normal conversion of sugar to starch during endosperm development. Kernel colors vary, sometimes being mixed both white and yellow.

William "Bill" Watson, president and owner of the Liberty Seed Company in New Philadelphia, Ohio is doing a write-up of the many sweetcorn developments of the past decade. He says there has been more change in the past decade than in the preceding 25 years.

To compete and find a nearby niche (like a restaurant or roadside stand) for their sweet corn, entrepreneurs should explore the potentials for moving high-sugar varieties of corn to consumers within a day after harvest. The need for speed is because kernels at room temperature can lose as much as 50 percent of their sucrose by 24 hours after harvest.

Development of sweeter varieties of standard sweet corn was done by selections within homozygous "SU1" genotypes. One selection — Silver Queen — became the standard against which other standard sweet corn varieties were compared.

CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Later supersweet SH2 varieties, i.e., "sugary enhanced (SE)" or supersweet "shnunken (SH2)," have 2 to 3 times as much sucrose as standard sweet corn at harvest! What's more, sucrose levels stay relatively high 48 hours after harvest.

Growers of the SH2 gene sweet corn must be careful not to plant it within 250 feet or more — depending on prevailing winds — of any other kinds of corn because pollen may be picked up from neighboring corn, which will dilute the sweetness, making kernels undesirably tough and starchy.

One exception to the distant planting rule is Kandy Korn, whose sugar- enhanced SE gene produces a variety for farmers that, like other SE varieties, requires no isolation.

Growers for the roadside trade usually sell high-sugar corn of the SE variety because it's easier to grow; those who ship to the more distant markets lean toward the supersweet varieties to meet the competition.

The seed count is about 2,500 to 3,500 a pound for regular sweet corn. The count of the shrunken gene types is considerably higher.

Andy and Tannie Daniels are successful sweet corn growers in Columbus, Neb. Their story is reported in the Successful Farming magazine's publication, ADAPT 3,1991.

The Daniels note that roadside stand work is hard, the season is not long, and the returns may grow slowly. To pick corn at the peak time, they usually pay high schoolers or others the minimum wage.

Roadside prices for sweet corn vary widely. Discounts for quantity are urged. The freshness increases the value (price) over grocery store pricing. Don't undercut grocery stores. The Daniels also advise adding other vegetables, such as tomatoes and cantaloup, after establishing a customer base.

They recommend SE varieties over the others for reasons noted above, plus disease control. The sweeter the variety, the more susceptible it is to disease, usually. The Daniels say plant early, with not too many varieties so as to avoid confusing customers.

Growers should check with the county agriculture extension agent to learn the best planting dates, varieties recommended locally, and disease and pest control methods that reduce or eliminate chemicals.

The supersweets are just as good for freezing as the others. There are many varieties. Every catalog will have some.

Other marketing details have been emphasized in previous factsheets and are in the ADAPT books and not repeated here. It needs repeating, however, that entrepreneurs not wishing to waste money should determine an exact and committed market before they buy or plant any seed.

Popcorn

Popcorns are generally either pearl or rice types. Pearls have smooth, rounded crowns, while rice types are pointed.

Color varies. Heating the kernel turns the moisture inside the soft starch in the center into explosive steam that can turn the kernel inside out. The grea-

(Turn to Page 16)

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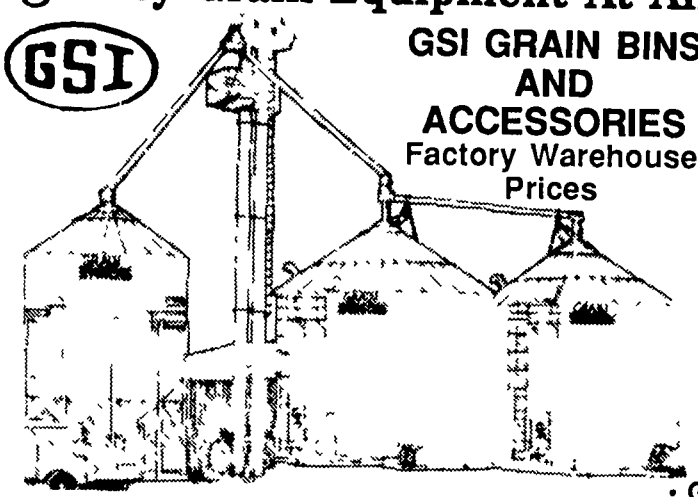

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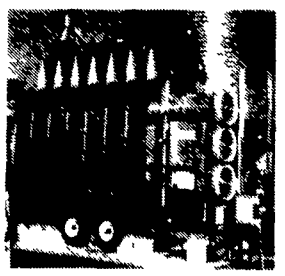

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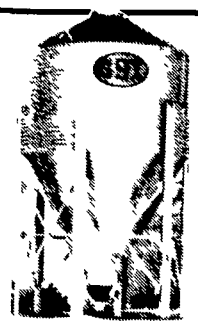

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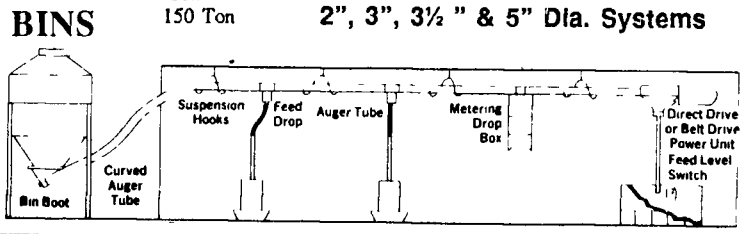

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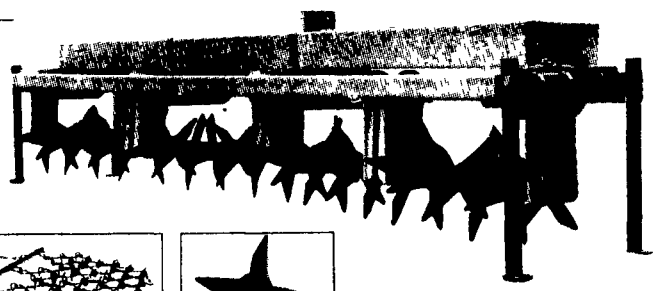

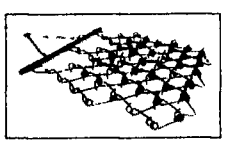

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Nitrogen Management For Corn

Douglas B. Beegle
Associate Professor
Agronomy
Penn State

Good nitrogen (N) management is a critical component of successful corn production.

In addition to being one of the largest economic inputs into producing a corn crop, it is often the most limiting farmer-controlled factor in producing corn.

Nitrogen management can be broken down into decisions on how much N to apply, what source of N to apply, when to apply it, and how to apply it.

Rates

Recommended N rates for corn are 1 to 1.1 pounds of N per bushel of expected grain yield or 7 pounds of N per ton of expected silage yield. Thus, one of the key factors in determining the appropriate N rate is having a reasonable estimate of expected yield.

Sources

There are numerous sources of N that can be effectively used to meet the N requirement of a corn crop. The common N fertilizer sources include urea (46 percent N), UAN solution nitrogen (30 percent N), ammonium nitrate (34 percent N), ammonium sulfate (21 percent N), and anhydrous ammonia (82 percent N).

If used properly, these are all very good sources of N for growing corn. There are however, some special considerations.

Urea and UAN can both lose significant amounts of N by ammonia volatilization if these sources are not incorporated soon after application. Incorporation by tillage or ½ inch of soaking rain within 48 hours will minimize this loss. Without incorporation, losses as high as 30 percent of the applied N within a week have been measured.

With UAN, this loss can be reduced by banding the solution rather than spraying it on the soil surface. Ammonium nitrate and ammonium sulfate do not release volatile ammonia, therefore they do not need to be incorporated. Anhydrous ammonia is a gaseous source of N that must be injected or the gas will be lost into the air.

Manure is also a very significant source of N on many corn farms. The N content of manure will vary greatly — thus, manure analysis is critical to confidently utilizing the N from manure.

Book values for manure N are 10 pounds N per ton for dairy manure, 14 pounds per ton for swine manure, and 60 pounds per ton for poultry manure. Actual values may vary as much as 100 percent from these values, however.

Only about 50 percent of the N in most manures (75 percent in poultry) is available the year the manure is spread. This available fraction is mostly urea and therefore is subject to volatilization losses as discussed earlier for urea fertilizer. For this reason, the availability of manure N will depend on incorporation and ranges from 50 percent for immediate incorporation to 20 percent for no incorporation. The fraction of manure that is not available the year the manure is applied will become available over the next several years.

Legumes are also a major source of N for corn production. Legumes such as alfalfa and soybeans fix all of their N needs, plus leave considerable N in the soil that can be used by the following crop in the rotation. An alfalfa crop, with at least 50 percent of the alfalfa remaining, will supply all but about 20 to 40 pounds of the N requirement of the following corn crop. Even a very poor stand of alfalfa will supply 40 to 60 pounds of N per acre to the following corn crop. A soybean crop will supply about one pound of N per bushel of soybeans for use by the following corn crop.

Timing

The timing of N fertilizer application to corn is important to reduce the potential for loss of the applied N. Nitrogen should be applied as close to the time of crop uptake as practical to avoid potential losses of the N before the crop can use it. For corn, this means that the ideal application time for most of the N would be when the corn is 12 to 18 inches tall.

This is usually after the spring wet conditions when N losses are greatest and just before the period of rapid growth by the corn. If the field has, a history of manure or legumes, all of the N can be applied at this time. If there is no history of manure or legumes, then 30 to 50 percent of the N should be applied near to planting.

When delayed application is not practical, the N should be applied as near to planting time as possible. The longer before planting that N is applied, the greater the potential for significant loss of the N before the plant can use it.

Applying N in the fall for corn is not recommended because of the high N losses that can occur before the crop is even planted.

Methods

Finally, the method of N application must be considered. If the N source contains urea (urea, UAN, or manure), then incorporation either by tillage or by rain is important, regardless of application timing, to reduce volatilization losses. Also, banding can reduce this volatilization loss.

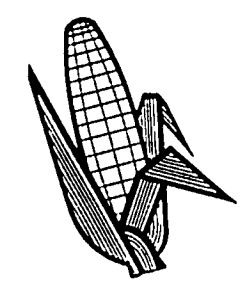
For delayed application, the best method of application is injecting the N between every row of corn. A close second best is banding the N on the surface between every row. Nitrogen can be banded between every other row but to be effective it must be banded exactly in the middle between the rows.

The N can also be broadcast over the growing corn and cultivated in or applied just before a rain to provide incorporation. This method will result in some burning of the corn but this does not typically have any negative effect on the final yield.

Good N management depends on determining the correct amount of N to apply based on a sound estimate of expected yield, then choosing a high quality economical source of N to meet this need.

Remember to include manure and legume N in this decision. The N should be applied as close to the time of crop need as practical.

Finally, the proper method of application must be used for the material that has been chosen to minimize losses and thus maximize crop utilization of the N.



Small-Scale Ag Alternative: Specialty Corns

(Continued from Page 15)

ter the expansion, the higher the quality.

Moisture content should be 13.5 to 14 percent for best results. Varieties differ as to quality, which also includes flavor, tenderness, absence of hulls, color, and shape.

Shape can vary from mushroom-spherical to butterfly. The confection industry usually prefers the spherical — easier to coat with flavors or syrups. The butterfly-shaped popcorn has a better "mouth feel" and is preferred for on-premises sales, as in theaters.

For more information, contact the Popcorn Institute, 401 N. Michigan Ave., Chicago, IL 60611, (312-644-6610).

Hi-Lysine Corn

Corn is a major staple in many underdeveloped countries. As dent corn is a relatively poor source of protein, many consumers have to supplement their diets with other protein sources, such as beans.

Most of the protein in corn is zein, which cannot be efficiently digested by humans and other nonruminant (single stomached) animals such as pigs and chickens.

Zein exists at the expense of lysine and tryptophan, which tend to be very low in dent corn. Lysine and tryptophan, two of eight essential amino acids that nonruminants can't synthesize on their own, must be obtained from food they eat.

In 1963, scientists at Purdue University found that the corn strains containing opaque-2 (02) genes contained lesser amounts of zein and greater amounts of lysine and tryptophan in their endosperms than dent corn. Opaque-2 kernels, however, appear dull and tend to have soft textures and very little hard endosperm. It makes them difficult to harvest and subject to attack by various pests.

Opaque-2 varieties also tend to have lower yields and must be isolated from other corns to retain protein quality.

High-Oil Corn

The highly polyunsaturated and high linoleic acid content of corn oil makes it an excellent energy and essential fatty acid source for both humans and livestock.

Livestock feeders may be interested in varieties with greater oil contents. Such varieties have more calories, bringing greater gains per feed unit.

Most hybrid dent corns will average between 3.5 and 6.0 percent oil. Varieties with oil contents greater than 6.0 percent tend to have lower yields. Oil quality is dependent on the amounts of unsaturated and saturated fatty acids it contains. Oils high in linoleic acid and low in oleic, palmitic, and stearic acids are preferred for human diets.

For information on breeding high-oil corn, contact John Dudley, Agronomy Department, S-112 Turner Hall, 1102 South Goodwin Avenue, University of Illinois, Urbana, IL 61801. (217) 333-9640.

Waxy Endosperm Corns

Waxy endosperm hybrids contain 100 percent amylopectin starch — the normal dent corn ratio is 72 percent amylopectin and 28 percent amylose. The waxy (wx) mutant was found in China in 1909 but was not fuily developed until 1936, when researchers from Iowa State University noted its unique properties and started developing hybrids.

Steers make better gains when fed waxy endosperm corn rather than dent corn. The stability and clarity of amylopectin starch make it highly suitable as a food thickener.

For more information on food processing aspects, contact Edith Munro, Corn Refiners Association, 1100 Connecticut Avenue NW., Suite 1120, Washington, DC 20036, (202) 331-1634.

Blue Corn

Atole, tortillas, corn chips, and other corn products have been the backbone of most traditional and present-day Native American and Mexican American cuisines.

Blue corn and other flour corns historically represented the major kernel type of corn ground into "harinas" flour and meals in the American Southwest. But dent corns, both white and yellow, now dominate the market. However, the blue corns are finding new market outlets.

Although Pueblo tribes have historically grown many different colored corns, blue corn is one of the most important, both as food and for religious purposes.

Unlike most commercial yellow hybrid dent corns that can yield 8,000 to 10,000 pounds of grain per acre, blue corn is open pollinated and characterized by relatively low yields of 1,000 to 4,000 pounds per acre. It also tends to lodge, making machine harvest somewhat difficult.

Blue corn has a coarser, sweeter, and nuttier taste than other corns grown for flour or meal. Its grainier consistency results in a somewhat denser tortilla than those made from white or yellow corn flour.

Research of the New Mexico Cooperative Extension Service found blue corn, like Opaque-2 corn, higher in lysine than either white or yellow dent corn varieties used in tortillas. Most blue corn varieties were also found to be high in iron and zinc.

Blue corn flours and meals have traditionally been used in making tortillas and corn chips. Native American products less well known include piki or paper bread, chaqueque (similar to corn meal mush), atole (corn meal drink), and nixtamal or lime hominy used in making stews.

Newer products include pancake and muffin mixes and corn flakes.

For more information, contact George Dickerson, New Mexico Cooperative Extension Service, (505) 275-2576.

Corn Cob Corns

Although most corn grown in the United States is for grain or silage, at least one hybrid variety is grown for making corn cob pipes. Cobs should be at best 1-½ inches in diameter and long enough to make at least two bowls (2 inches each). The diameter of the cob should be relatively uniform.

Cobs should be woody and sufficiently hard to keep smoking tobacco from burning through the bowl.

For more information, contact Harry Minor, the Agronomy Department, Extension Service, Waters Hall, University of Missouri, Columbia, MO 65211, (314) 882-2001.

3-Year PMCGA Memberships Include Newsletter

QUARRYVILLE (Lancaster Co.) — For a limited time, corn growers who sign up for three-year memberships with the Pennsylvania Master Corn Growers Association (PMCGA) will receive, as a bonus, three free months of Doane's Agricultural Report, including 24-hour access to Doane's Marketing Advice VIA Teledoane - Doane's market hotline.

"The National Corn Growers Association (NCGA) conducts programs in market development, research, and education," said NCGA Field Services Director Dave Drennan. "In cooperation with Doane Agricultural Services (of St. Louis, Mo.), we now will have the opportunity to educate our members more fully. Weekly issues of Doane's Agricultural Report will help our members to get better prices for their crops, make the right moves on government programs, and upgrade production and management decisions to improve their bottom line. It will keep corn growers on top of events and primed to make profitable decisions."

The newsletter includes short and long-range market forecasts, ag legislation updates, management tips, and farm business strategies. The newsletter is completely free to corn growers who join or renew for three-year membership terms during this limited-time offer.

Contact Greg Roth, executive secretary, Pennsylvania Master Corn Growers Association, PO Box 304, State College, PA 16804, or H. Grant Troop, PMCGA membership director, 286 Furnace Rd., Quarryville, PA. 17566-9423, (717) 786-8045.

CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

50 Billionth Bushel To Leave New Orleans

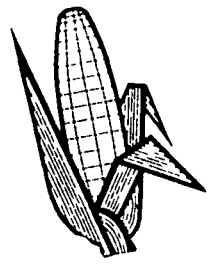
WASHINGTON, D.C. — An export milestone will be reached on May 6 when the 50-billionth bushel of corn to be exported from the United States will leave from New Orleans, bound for Japan.

"Shipping the 50-billionth bushel of corn from New Orleans to Japan is very symbolic," said Kenneth Hobbie, president and CEO of the U.S. Feed Grains Council. "More corn leaves New Orleans than any other port, and Japan is our number-one corn customer."

The celebration, noting the 50-billionth bushel of corn exports, will be held at the Continental Grain Company export facility in Westwego, Louisiana, part of the Port of New Orleans.

The jubilee, marking the 50-billionth bushel of corn exports, is being conducted by the U.S. Feed Grains Council, an organization that develops export markets for U.S. corn, sorghum, barley and their co-products. It is being sponsored by Pioneer Hi-Bred International Inc.

"Corn production and corn exports have made a significant contribution to the U.S. agricultural economy and the national economy," said Owen J. Newlin, senior vice president of Pioneer Hi-Bred International Inc. "Pioneer is proud to be supporting this celebration, observing a landmark for the U.S. corn industry and U.S. agricultural exports."



1992 Pa. Corn Silage Club Winners

The following are the winners of the 1992 Pa. Corn Silage Club:

1992 Pennsylvania Corn Silage Club

Club Member	T/A	% H2O	Dry Matter Tons/Acre	% TDN	%Crude Protein	TDN lbs Per Acre	Crude Prot lbs/Acre	Plant Pop./A	Row Width	Applied nutrients/A* N	P2O5	K2O	Hybrid
Beaver													
Norman Jodkins, Jr	27.2	64.5	8.15	70.0	7.9	11412	1288	31116	30	194	128	290	Schlessman Silo King
Average	27.2	64.5	8.15	70.0	7.9	11412	1288	31116	30	194	128	290	
Bradford													
Charles Allen	21.0	67.4	6.31	62.0	8.6	7826	1086	25513	30	107	16	16	Funk 4G699 A
Roger Brown	24.2	73.0	7.27	69.0	8.7	10026	1264	26013	30	84	116	168	Doebler's 75 X
Duane Wilcox	27.7	67.4	8.32	67.0	7.6	11145	1248	27514	30	125	125	203	Doebler s 76 X
Roy & Tim Beardslee	29.1	66.6	8.73	64.0	8.0	11529	1397	24613	30	114	132	160	Pioneer 3394
William Rewa, Sr	29.5	64.6	8.84	71.0	7.9	12548	1396	26013	30	123	185	325	Dekalb 524
Average	26.3	67.6	7.89	67.0	8.1	10815	1278	25933	30	104	115	174	
Franklin													
Lynn Eberly	23.6	70.0	7.07	70.0	7.6	9896	1074	23712	30	135	171	279	Pioneer 3140
Titus Martin	31.0	63.6	9.31	71.0	7.9	13213	1470	24313	30	424	642	852	Agri Pro 808
Donald E Martin	32.4	62.6	9.73	72.0	9.2	14010	1790	20210	30	191	75	83	DeKalb 743
Average	29.0	65.4	8.70	71.0	8.2	12373	1445	22745	30	250	296	405	
Berks													
David W Schantz	34.6	67.2	10.39	67.0	8.3	13929	1726	25613	30	213	194	194	Pioneer 3140
Average	34.6	67.2	10.39	67.0	8.3	13929	1726	25613	30	213	194	194	
Luzerne													
Martin Smith	20.3	69.0	6.09	68.0	8.5	9269	790	22631	36	30	60	60	Doeblers 75 X mod
Average	20.3	69.0	6.09	68.0	8.5	9269	790	22631	36	30	60	60	
Wayne													
William Tennies	22.4	67.0	6.71	66.5	7.0	8933	940	24033	30	100	209	327	Dekalb 465
Gary Eisenhauer	26.1	66.0	7.84	67.0	9.0	10499	1410	25535	36	217	170	290	Dekalb 524
John Pawloski	29.4	73.0	8.82	67.0	9.0	11818	1587	28231	32	181	81	141	DeKalb 524
Average	26.0	68.7	7.78	66.8	8.3	10417	1312	25933	33	166	153	253	
Average of all farms	27.0	67.2	8.1	68.1	8.1	11075	1319	25362	31	158	165	242	
Top 3 farms for T/A													
David W Schantz	34.6	67.2	10.39	67.0	8.3	13929	1726	25613	30	213	194	194	Pioneer 3140
Donald E Martin	32.4	62.6	9.73	72.0	9.2	14010	1790	20210	30	191	75	83	DeKalb 743
Titus Martin	31.0	63.6	9.31	71.0	7.9	13213	1470	24313	30	424	642	852	Agri Pro 808

*Nutrients include fertilizer manure and crop residue credits

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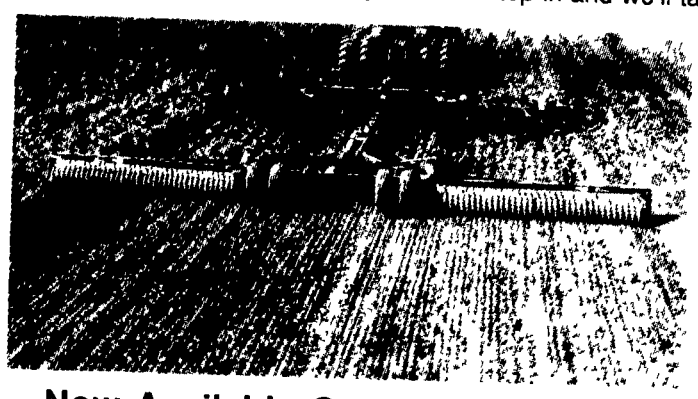

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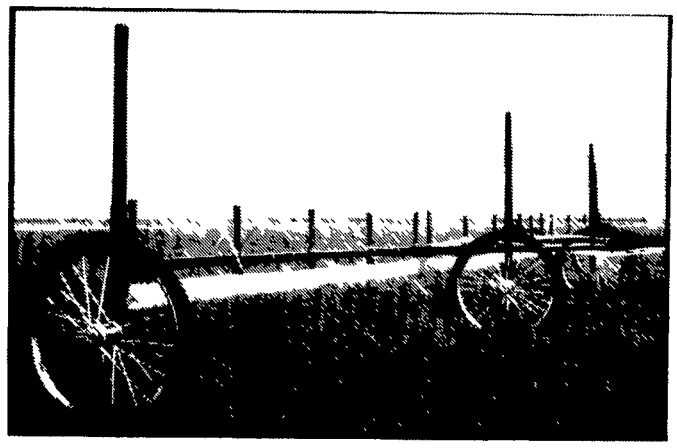

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Considerations for selecting corn hybrids in Pennsylvania

Selecting the best corn hybrids can be a significant factor in the profitability of a corn production enterprise. The differences in performance among commercially available corn hybrids of the same maturity generally exceed 15 bushels per acre and frequently reach 50 bushels per acre. As a result, improving corn yields by an average of 5 to 10 bushels per acre through careful attention to hybrid selection is not unrealistic.

CHARACTERISTICS TO CONSIDER

An effective hybrid selection strategy involves considering a number of hybrid characteristics that are important for performance under your system and then using various sources of information to choose the most appropriate hybrids.

MATURITY

Maturity is of primary importance in the hybrid selection process because it is critical to choose hybrids that can use as much of the available growing season and still have a minimal risk of being frosted before maturity. Hybrids that are too early will have a reduced yield potential and those that are too late may result in poor quality grain or silage. Corn hybrids are rated in one of two systems: the relative maturity system and/or the growing degree day system.

Of the two systems, the relative maturity system is more popular In the relative maturity (RM) system, hybrids are assigned a days-to-maturity rating based on the grain moisture at harvest compared to other hybrids As a result, a hybrid with a lower RM rating should have lower grain moisture levels at time of harvest than one with a higher RM rating. The rating is not a measure of the actual days required for maturity, since it is not uncommon for a 105-day hybrid to require 150 days from the date it is planted to reach maturity The ratings also vary somewhat among companies, this makes comparisons of maturity more difficult One way to overcome the differences among the companies is to compare moisture contents of specific hybrids in performance trials where they appeared together—lower moisture contents translate into an earlier rating

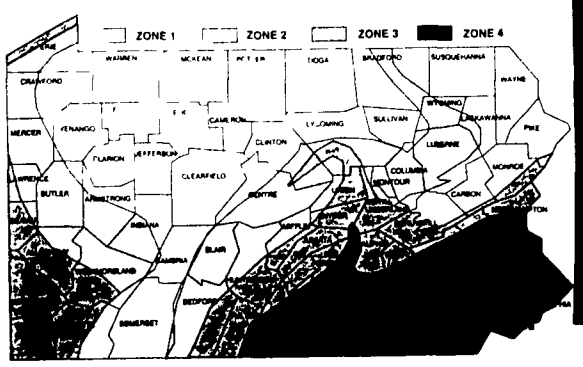
The second system is the growing degree day system In this system, the number of growing degree days is calculated between dates of planting and black layer or maturity The advantage of the growing degree day system is that it provides a link between hybrid maturity and local weather information Disadvantages of this system are 1) GDD ratings are not necessarily indicative of differences in grain moisture, because hybrids may differ in dry-down rates after black layer, and 2) growing degree day requirements of hybrids may change somewhat with location and season Hybrids in Pennsylvania frequently do not require as many growing degree days as they will use in the Midwest states Also, growing degree day requirements of specific hybrids may be lower in cool seasons and late plantings

A good rule of thumb is that corn for grain should reach maturity one to two weeks before the first killing frost in the fall Other factors, such as harvest method, marketing plans, and timeliness considerations may also have a bearing on maturity selection The need for a field dry-down period with ear corn and dry shelled corn means that maturity should not be pushed with these systems Where high-moisture corn harvest is planned, slightly longer season hybrids can be used Even longer season (5 to 10 days) hybrids can be utilized for silage production provided wet soils will not interfere with harvest Earlier hybrids may provide some advantages for early corn markets or more timely harvesting If you consider this approach, be sure to monitor yields of these earlier maturing hybrids to make sure this strategy is economical for your system

A key to managing maturities in an area as diverse as Pennsylvania is to monitor crop development each year and use this information in selecting hybrid maturities for future years

Appropriate maturities for grain production in Pennsylvania are shown in Figure 1 and Table 1

Figure 1. Pennsylvania corn maturity zones.



DISEASE RESISTANCE

Hybrid selection is the main avenue for control of the the most predominant corn diseases in Pennsylvania. Stalk rot, one of the most serious and common corn diseases, is favored by environments where stress occurs during August. If stalk rot appears to be a persistent problem in your system, consider placing more importance on standability and stalk rot resistance in your hybrid selection. Gray leaf spot, northern leaf spot, and northern leaf blight are also common in Pennsylvania.

Gray leaf spot is most severe in those fields of continuous, no-till corn where air drainage is poor. Fields that are along creeks and rivers are particularly vulnerable to gray leaf spot because of the extended periods of dew. The symptoms of the disease resemble a paper match—gray, rectangular shaped lesions that are restricted by the leaf veins. Where this disease is serious, gray leaf spot resistance should be a primary consideration in your hybrid selection.

Both northern leaf spot and northern leaf blight occur most frequently in valley areas where heavy dews and early morning fog or mist are common. Northern leaf spot (race 3) symptoms are tan to brownish, linear, chain-like lesions. The northern leaf blight symptoms are elliptical, grayish green streaks that develop on the leaves and may extend the length of the leaves. Under severe infection, all leaves may die. Both diseases can cause early plant death. Resistant hybrids are the best means of control.

Learn to identify the major corn diseases in your area and select hybrids with specific resistance to these diseases. Be wary of hybrids advertised as having "good disease resistance"—instead ask your dealer about specific resistance to diseases that you know are common on your farm.

(Turn to Page 19)

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CORN TALK NEWS
PENNSYL A MASTER CORN GROWERS ASSOC., INC.

Considerations for selecting corn hybrids

(Continued from Page 18)

STANDABILITY

Standability is an especially important hybrid characteristic in Pennsylvania, where the corn harvest often continues late into the fall. Poor standability is primarily due to stalk rot, but can also be caused by weak stalks or root systems

Table 1. Approximate season length and growing degree days (GDDs) available for Pennsylvania corn maturity zones.

MATURITY ZONE	SEASON LENGTH (DAYS)	APPROXIMATE AVAILABLE GDDS	PLANTING DATES
1	90–95	1600–1824	5/15–25
	96–100	1825–2024	
2	101–105	2025–2274	5/1–15
	106–110	2275–2499	
3	111–115	2500–2724	4/25–5/7
	116–120	2725–2949	
4	121–125	2950–3174	4/15–5/1
	126–130	3175 or >	

as well as insect damage. Standability should be an important consideration for fields where a shelled grain or ear corn harvest is planned, and especially for those that will be harvested late. Considerable progress has been made in improving standability, but important differences still remain in commercial hybrids.

YIELD PERFORMANCE

Hybrid yield performance is a critical factor in hybrid selection. The range in yield potential among commercial hybrids frequently is greater than 40 bushels per acre (Table 2). It is essential that performance information be based on the results of several trials and not just one test. Average performance from a number of sites in your region is often a better indicator of future performance than the results of a single test on your farm. Also consider moisture differences between hybrids when evaluating for yield. At a drying cost of $0.04/point/bushel and a corn price of $2.50 per bushel, every 1% moisture difference between two hybrids yielding 125 bushels per acres is worth 2 bushels per acre. This is especially important for corn that will be shelled and dried.

When interpreting yield performance tests grown over a wide region, consider only those hybrids with a maturity adapted to your farm, even though later hybrids in these tests may have higher yields. When grown under your conditions, these later hybrids may not yield as well, and they will have higher moisture levels and an increased risk of frost before maturity. Yield performance can be best estimated by actual harvest-time measurements of grain production. Visual estimates of yield based on ear size, kernel rows, or kernel depth are not reliable enough to use for hybrid comparisons.

When evaluating hybrids for silage production, it is best to base decisions on silage yield performance data if possible. Where this information is not available, a tall, leafy, hybrid with a good grain yield potential would likely be a good choice for silage.

Table 2. Two-year average and range in yields and moisture for hybrids entered in both 1990 and 1991 Pennsylvania Commercial Hybrid Corn Tests.

MATURITY ZONE	YIELD AVERAGE (BU/A)	YIELD RANGE (BU/A)	MOISTURE AVERAGE (%)	MOISTURE RANGE (%)
1	120	88-136	21.3	18.9-23.2
2	118	90-136	25.2	20.3-27.2
3	126	81-139	23.0	19.4-25.1
4	147	122-170	23.5	20.4-24.7

SPECIAL CHARACTERISTICS

A number of other special hybrid characteristics should be considered in selection for specific situations. The importance of these characteristics depends on the specific situation. Generally, they should have a major impact in hybrid selection only if they will have an impact on the yield and quality of the final product. These characteristics include harvestability as ear corn, seedling vigor, test weight, tight husk cover for bird resistance, stay-green potential, and grain or silage quality.

Harvestability of a hybrid can be particularly important for ear corn producers. Some hybrids have the tendency to lose kernels from the ear during the picking process, lowering the yield and quality of the ear corn. On other hybrids, husk removal is sometimes difficult, which contributes to reduced airflow in the bin and increases the potential for spoilage.

Differences in seedling vigor do exist between hybrids and can have an effect on stand establishment in stressful situations, such as early planted no-till corn or corn planted into heavier, wetter soils. The importance of seedling vigor under most other situations, however, is probably secondary compared to maturity, disease resistance, and yield performance.

Test weight differences also exist between hybrids and these should be considered if higher test weight is an advantage from a marketing standpoint. Studies have shown that test weight is not a good indicator of feed value, so there is likely to be little advantage from feeding high-test-weight hybrids.

For growers who frequently experience serious losses from bird damage when corn is in the milk stage, husk tightness and coverage may be important considerations.

Many of the new hybrids being developed possess increased levels of what is known as stay-green, or the ability to retain leaf color past physiological maturity. This characteristic appears to improve late season plant health and to increase the grain dry-down rate. This characteristic may also help to extend the harvest window for silage production by reducing the whole-plant dry-down rate.

Grain and silage quality differences should also be considered, since feed quality differences do exist among hybrids. However, you should monitor the economics of growing hybrids with improved quality traits. Frequently, quality differences among hybrids are small and the yield differences among comparative hybrids are much greater. You usually can't afford to give up very much in yield performance to get the improved quality. In hybrid testing trials, quality differences among groups of hybrids have been shown to range up to 1 percentage point in grain protein and 2 to 3 percentage points in silage digestibility. Recent advances in biotechnology may allow a wider range of hybrid quality differences in the future.

MANAGEMENT INTERACTIONS

The idea that hybrids differ in their adaptation to different management practices such as tillage systems, nitrogen rates, populations, and soil productivity levels remains an area of great debate. One group in this debate contends that hybrid differences under these practices are small and difficult to predict. On the average, this group suggests using hybrids that have performed well under a wide range of conditions. The other group contends that hybrids respond consistently different to some of these changes and that these responses should be incorporated into your plan of placing hybrids in different fields on your farm. Recent research results are beginning to clarify some of these differences.

Recent studies have shown that the best hybrids in conventional tillage are also usually the best in reduced tillage systems. One notable exception to this would be the need for higher gray leaf spot resistance where this disease is a problem. Another consideration may be to put added emphasis on seedling vigor in early season no-till plantings. On the whole, however, tillage practice should not have a large impact on your hybrid selection.

In controlled situations in the greenhouse or laboratory, some researchers have shown differences in how hybrids respond to different forms and timings of N applications. When others have tried to document this in the field, however, they have generally been unable to consistently show the same type of differences. In general, research has shown that different hybrid responses due to the growing seasons are much greater than any differences

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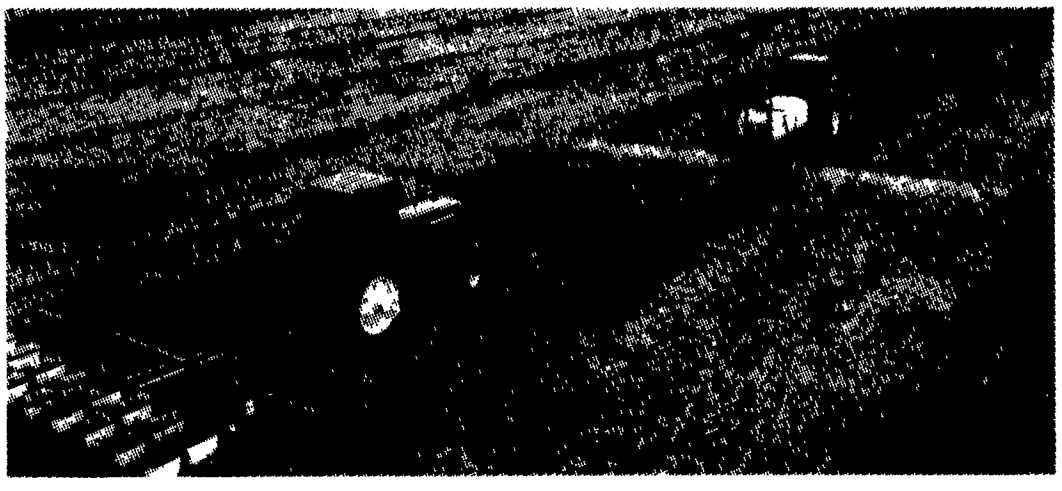

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Growing Degree Days Swayed By Observation Time

Art DeGaetano
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Department of Soil, Crop And Atmospheric Sciences, New York State College Of Agriculture And Life Sciences
Cornell

Growing degree day (GDD) accumulations are widely used to evaluate crop varieties and manage their cultivation and harvest. Although calculating GDD accumulations is relatively straightforward, differences in the time of day that thermometers are checked for daily maximum and minimum temperatures can lead to significant differences in GDD accumulations over weekly or longer periods.

Simulations using hourly temperature data indicate that the time required to reach a given GDD threshold value during the growing season often varied by two weeks or more solely due to observation time differences. Generally, thermometers are observed for daily temperature extremes at one of three times, either in the morning (7 a.m.-8 a.m.), the early evening (4 p.m.-7 p.m.), or at midnight, and cover the preceding 24 hours.

Whereas temperature readings taken at midnight tend to be similar to those taken at the most common observation hours, 7 a.m. and 8 a.m., average temperatures calculated from afternoon observations tend to be warmer. This warm bias results because these observation hours coincide with the normal time of maximum temperature occurrence.

If a warm afternoon is followed by a day with cooler temperatures, the maximum temperature observation taken during the warm afternoon will likely represent the maximum temperature of both the current and subsequent 24-hour periods because, once reset, the thermometer will remain at or near the maximum temperature. (These thermometers can't be reset to lower than the current air temperature.) In effect, this maximum temperature is recorded twice. Thus, sites that make observations about the time of the daily maximum temperature tend to accumulate GDD at a faster rate than stations taking morning or midnight observations.

In contrast, GDD calculated from daily temperature observations taken near the time of the daily minimum temperature occurrence (generally 5 a.m.-6 a.m.) tend to accumulate at a relatively slow rate, because the minimum temperature on a particularly cold morning is often recorded as the minimum for two successive days. Since maximum and minimum temperatures can occur at any time of the day, a certain degree of observation time bias is associated with each observation hour. However, when compared to GDD calculated using the average of 24 hourly temperature values, this bias tends to be small for observations taken at 8 a.m.

A correction method has been developed by the Northeast Regional Climate Center for use in the northeastern United States. Using the procedure, weekly base 50 GDD, 86-50 GDD, and Canadian corn heat unit totals based on any observation hour can be standardized to an 8 a.m. observation time. For each month, correction factors representing the average difference between the weekly GDD accumulation calculated using a given observation hour and that of an 8 a.m. observation schedule are used as a basis for standardization. Correction factors for several hours are given in Table 1.

To standardize the weekly GDD accumulation for a given hour, the tabulated correction factor is simply subtracted from the GDD total.

For example, assume 140 GDD50 have accumulated during a week in August using an 6 a.m. observation. To standardize this total to that of an 8 a.m. observation, -6 GDD50 should be subtracted (actually adding 6 in this case) from the 6 a.m. value, giving a standardized total of 146 GDD50.

Similarly, if 100 GDD50 have accumulated during a week in June based on a 4 p.m. observation, 8 GDD50 should be subtracted from this value to arrive at the standardized total of 92 GDD50. Additional refinements to the standardization procedure are also possible.

An additional correction is also included for GDD totals calculated from late afternoon or evening temperature observations. In these cases, the maximum temperatures

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TABLE 1
Weekly Correction Factors GDD50 (86-50 GDD)

Observation Hour	May	June	July	Aug.	Sept.
Midnight	-3 (0)	-3 (-3)	-3 (-3)	-4 (-4)	-4 (-3)
6:00 a.m.	-6 (-3)	-5 (-4)	-5 (-5)	-6 (-5)	-6 (-4)
7:00 a.m.	-2 (-1)	-2 (-1)	-2 (-2)	-2 (-2)	-3 (-2)
4:00 p.m.	7 (9)	8 (8)	6 (5)	6 (5)	7 (7)
6:00 p.m.	4 (6)	4 (5)	3 (3)	2 (2)	3 (3)
7:00 p.m.	2 (4)	2 (3)	1 (1)	1 (1)	1 (1)

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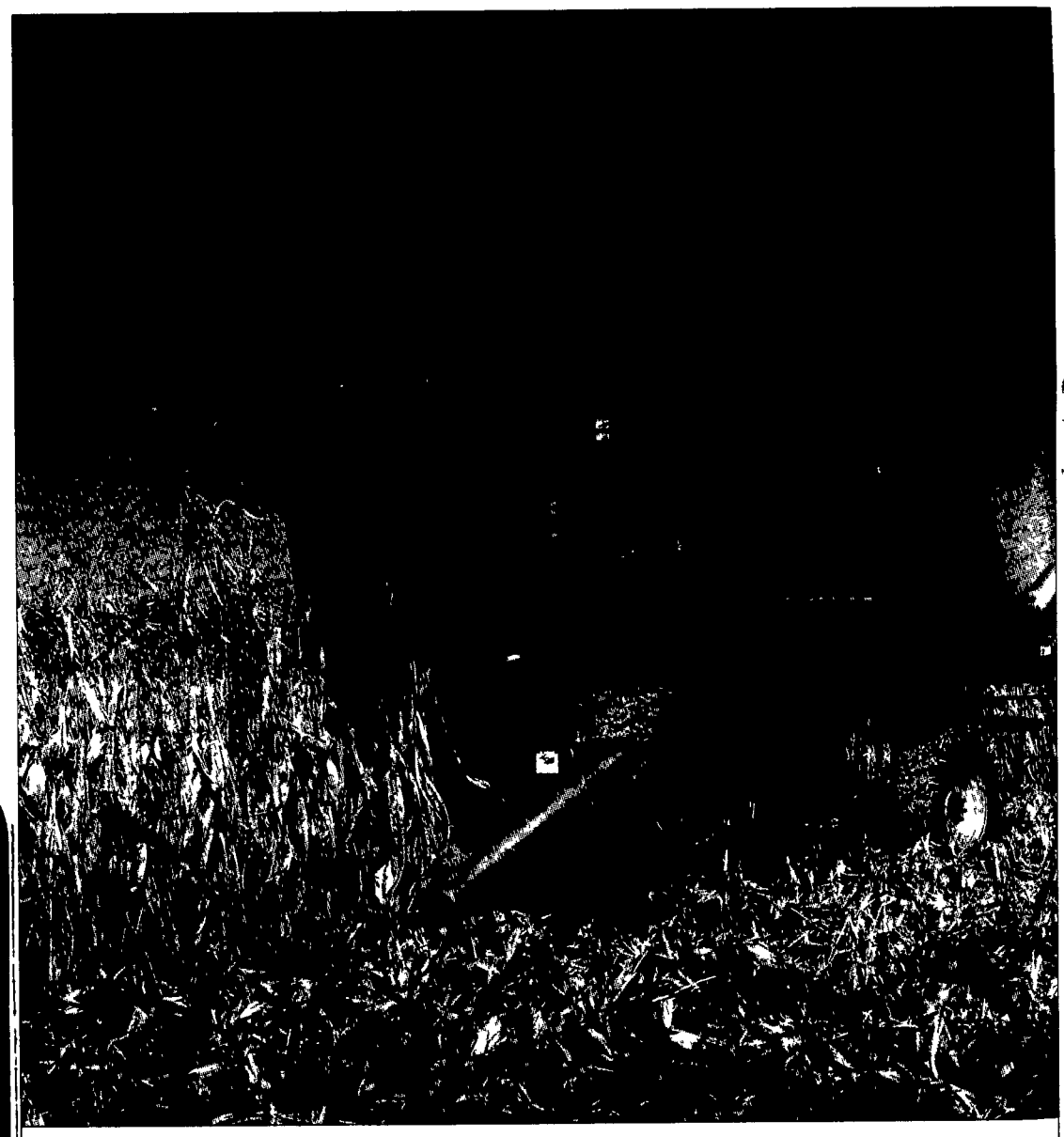

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Considerations for selecting corn hybrids

(Continued from Page 19)

from N form or timing. As a result, there appears to be little basis for selecting hybrids differently based on the N fertilization program, or for fertilizing hybrids differently.

Hybrid differences in response to population are frequently described as a hybrid's ability to "flex" its ears and produce a larger ear in response to lower populations. Prolific or double-eared hybrids have been promoted as having the ability to produce better at lower populations. Hybrids with these characteristics should be ideally suited to less productive sites, where lower populations may be used or where there may be a greater risk of poor stands. The idea behind this would be that these hybrids could produce a larger ear in response to favorable conditions or reduced populations. Studies in Iowa, Wisconsin, and Ohio, however, have indicated optimum populations do not differ greatly among commercial hybrids. These studies have also shown the best hybrids at low populations are generally the best at high populations. Based on this research, it appears that population response should not be an important factor in hybrid selection.

Another interaction which has received attention is the adaption of hybrids to high or low yield situations. The question in this issue is whether different hybrids should be selected for high yield and low yield situations. Plant breeders have documented differences among different hybrids in their yield response to different situations (yield stability), and some hybrid testing programs have confirmed these differences. This is best shown using a stability graph, such as Figure 2, where the yield of two top yielding hybrids is plotted against the average yield of all hybrids tested. In this figure, both hybrids had similar average yields, but hybrid 10 generally performed better in the low yielding sites and hybrid 1 performed better in the high yielding sites. This indicates that differences among hybrids do exist and that there is potential for these differences to be exploited by selecting some hybrids for higher yielding conditions and other hybrids for the lower

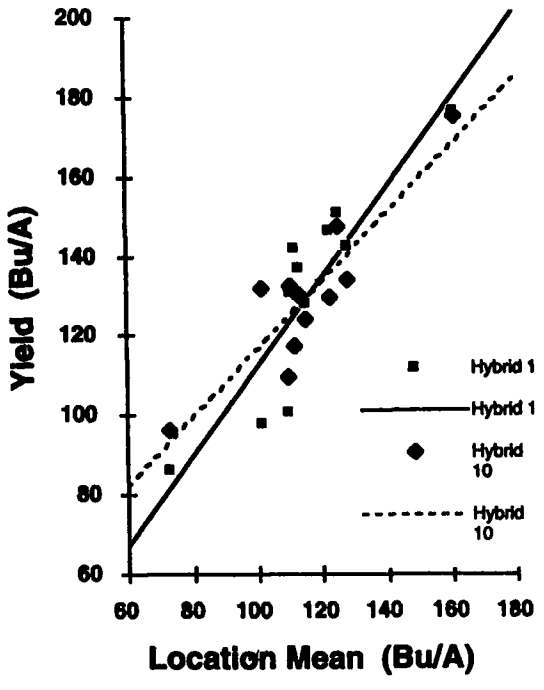

Figure 2. Stability analysis graph for two hybrids tested in the 1985 Pennsylvania Commercial Hybrid Corn Tests for Maturity Zone 1. The average yields of both hybrids across locations were similar.

yield potential situations. Based on this, there appears to be some basis for placing hybrids on the farm differently depending on the anticipated yield level of a field. In Pennsylvania, one of the main causes of low yield potential is drought stress associated with shallow soils. Thus, a consideration of the yield stability of a hybrid may be important when selecting for such high and low yield situations. Unfortunately, only limited data exist on the yield stability of available hybrids, although the seed industry is making an effort to characterize hybrids in this fashion.

SOURCES OF INFORMATION

Seed suppliers

Commercial seed companies should be able to supply much of the detailed information on hybrid characteristics. Seed suppliers who have worked with these hybrids in your area should have a basic understanding of many of the hybrid traits that are important in your crop production system. They also have access to performance data collected from their own evaluation trials conducted in the region. These data are best used for comparing hybrids within a company because competitive hybrids often are not included in these trials.

University hybrid trials

Hybrid performance trials are conducted annually by the Department of Agronomy at Penn State. In this testing program, hybrid evaluations are conducted at five sites in each of the four corn maturity zones in Pennsylvania. An average of 50 to 60 hybrids are evaluated for grain production in each zone. Data are also collected on moisture, lodging, plant height, ear height, and some diseases. The results are published in the Pennsylvania Commercial Hybrid Corn Tests Report which is available at local extension offices. These trials provide a source of independent information on hybrid performance. Hybrid testing reports are also available from most of the states surrounding Pennsylvania.

Strip trials

Many strip trials are conducted annually across Pennsylvania by seed suppliers, growers, and extension agents. Nonreplicated strip trials can provide excellent yield performance data when the results of at least several trials are combined together. The results of individual trials should be interpreted cautiously. Individual strip trials are best used to evaluate very repeatable traits of hybrids such as harvestability, height, and maturity.

Producers who grow sizeable acreages of corn should consider evaluating promising hybrids on an annual basis in a strip plot. These are particularly useful for comparing promising new hybrids to those hybrids already in use.

On-farm Records

Another valuable but often overlooked source of information for hybrid evaluation is on-farm records. Growers who are able to devise a harvest and record keeping system that

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Growing Degree Days

(Continued from Page 20)

reported on a given day by a morning and afternoon observer have usually occurred on different calendar days.

The refined standardization procedure is detailed in Northeast Regional Climate Center Publication RR93-1. When tested on several sites throughout the Northeast, weekly observation time bias was reduced to between 0.5 and -0.5 GDD, (producing no differences when rounded to whole GDD values) over observation hours from 6 a.m. to 9 p.m. During the other unlikely observation hours, weekly observation time bias was reduced to between 1 and 2 GDD. While the residual bias for the unlikely hours was considerably higher than that of the more common observation hours, the corrected values represent a three- to four-fold decrease in the actual observation time bias.

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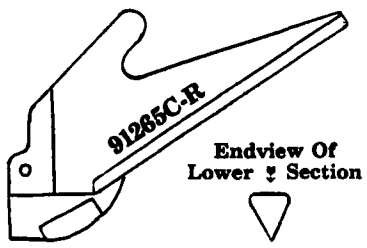

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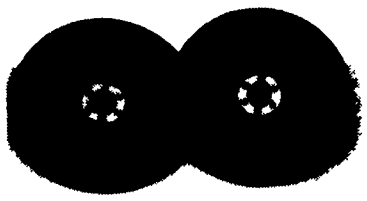

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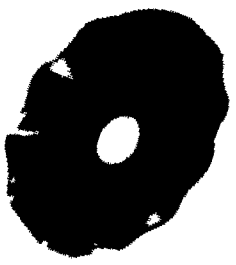

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Considerations for selecting corn hybrids

(Continued from Page 21)

allows them to collect yield information from individual fields or groups of fields planted to the same hybrids can usually estimate performance of hybrids quite well. Fields that were planted late or unusually stressed should be deleted from any comparisons.

This evaluation system works best where a large number of similarly managed fields are being compared. By comparing hybrid performance on different soils, you may be able to detect differences in hybrid stability or stress tolerance.

DEVELOPING A STRATEGY

Another important part of hybrid selection is developing a strategy on how to pick and place corn hybrids on your farm. Part of your strategy should include some diversification—use a group of hybrids, perhaps 5 to 10, rather than relying on just a few. These hybrids should have some differences in maturity, even if differences are relatively small. This helps to reduce the risk of weather related stress on your corn crop. Mixtures of about 20 per cent short-season, 60 per cent medium-season, and 20 per cent full-season (a 10-day range in relative maturity) hybrid maturities are good compromises to avoid weather risks and allow for timely harvesting. The need for diversity in hybrid choices is probably greater in areas where drought stress is common. Another consideration should be use of new hybrids. Generally, new hybrids are best used on a limited acreage until you become confident with their performance on your farm. As you gain confidence with a hybrid, use it for more of your acreage. After a hybrid becomes four to five years old, evaluate its performance carefully, because newer hybrids with improved performance often have been developed by this time.

A final consideration in your strategy should be to try to place hybrids on the farm as best as you can. Use some secondary characteristics of the hybrids. This is especially important if you have different soil types or tillage systems. Use hybrids with greater stability or drought tolerance on shallow soils and hybrids with high yield potential under ideal conditions on the best soils. In no-till fields, you may want to consider hybrids with better gray leaf spot resistance or early season vigor.

SUMMARY

The process of selecting hybrids is integral to profitable corn production. A key component of the process is identifying characteristics that are important in your particular situation. Pay attention to details in observing the crop during the season. Learn to identify corn diseases, note the maturity and other characteristics of the hybrid, and take some time to make yield comparisons. Collect any appropriate information you can on available hybrids from industry, university trials, neighbors, or other sources. Using this information, make informed hybrid choices based as much as possible on performance data. Plant the hybrids you have chosen in situations where they are best adapted. Finally, during the season, spend some time evaluating your choices.

Prepared by: Greg W. Roth, assistant professor of agronomy

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IMPORTANT RESEARCH NEWS

For the second year in a row, at Penn State University, Agway 797 and DeKalb 646 outyielded every other variety in that same trial. Here are the results:

1992

Variety	Yield
Agway 797	168.8 Bu.
DeKalb 646	166.6 Bu.

1991

Variety	Yield
DeKalb 646	118.1 Bu.
Agway 797	114.9 Bu.

Listed below are the Pioneer, Funk's and Doebler's varieties that were entered in 1991 and 1992. All yielded less than Agway 797 and DeKalb 646.

1992

Doebler 73XP	Doebler 75X
Funk G-4530	Pioneer 3527
Pioneer 3293	Pioneer 3241
Doebler 66XP	Pioneer 3394
Pioneer 3295	Doebler 69XP
Funk G-4543	

1991

Doebler 73XP	Funk G-4543
Pioneer 3295	Doebler 81XP
Pioneer 3293	Doebler 64XP
Pioneer 3394	Doebler 66XP
Pioneer 3343	

Additional research news from the University of Delaware

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For complete details, refer to the 1991 and 1992 Pennsylvania Commercial Hybrid Corn Tests Report and the Delaware Hybrid Field Corn Performance Trials Report.

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Intended Corn Plantings Down This Year

HARRISBURG (Dauphin Co.) — Pennsylvania farmers intend to harvest fewer acres of most commodities in 1993.

Intended plantings of corn are 1,360,000 acres, down 1 percent from last year. All wheat, at 170,000 acres, is down 11 percent from last year.

Barley planting intentions are 90,000 acres, down 5 percent from the 95,000 planted in 1992. Intentions are to harvest 3,700 acres of Southern Maryland-type tobacco, 3 percent less acreage than a year ago.

Acreage harvested of Pennsylvania seed-leaf type tobacco is expected to be 7,000, unchanged from last year.

Expected oats planted acreage is 210,000, down 9 percent from 1992.

Expected oats acreage for harvest is a record low 185,000, 10 percent less than last year. Soybean planted acres is intended to be 280,000, 3 percent less than the 290,000 planted last year. All hay for harvest intentions in 1993 is 1,880,000 acres, down 1 percent from last year's harvest.

Farmers in the United States intend to plant 76.5 million acres of corn in 1993, down 4 percent from last year. All wheat planted acres are estimated 72.3 million acres, up fractionally from last year. Barley producers intend to plant 7.7 million acres in 1993, down 2 percent from last year. Soybean prospective plantings at 59.3 million acres are down fractionally from last year. Hay acreage harvested is expected to be 60.3 million, 1 percent more than a year ago.

Oat producers intend to plant 8.1 million acres this year, up 2 percent from 1992. Oat producers expect to harvest 4.4 million acres, 2 percent less than 1992. All tobacco growers intend to harvest 751 thousand acres in 1993, down 3 percent from 1992.

Data users are reminded that actual acreages planted may vary from intentions because of the effects of weather, availability of production inputs, and changes in market conditions prior to planting. Data users are also reminded that this report includes intentions to plant for all purposes

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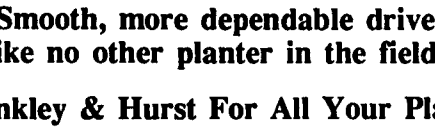

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Corn Growers Should Sell Large Part Of Crop By July 6

EVERETT NEWSWANGER
Managing Editor

WEST MIDDLESEX (Mercer Co.)—From charts that show the average price fluctuations of corn for the last 22 years, Jim Bower, Bower Trading, Inc., West Lafayette, IN, told Pennsylvania corn growers they should consider selling a significant part of their corn crop by July 6.

Speaking at the Pennsylvania Corn Conference in February, Bower said historically, the price breaks in February, gets some volatility into spring, drops back when the crop gets in the ground and gets a seasonal rally going into July. Over the spring rally and the May to July period, producers should consider marketing strategies to sell 50 to 60 percent of the coming crop.

He suggested growers use a broker for part of the crop, and the other part can be sold by forward contracts. The broker is useful so that if you have a weather scare, you can get out of the contract.

Of course, individual years vary from normal, but one of Bower's points was that you "always assume the normal until you see the abnormal."

"If you are a producer and want to market your grain at the highest price of the average year and wait until after the second week in July, you will probably not be selling in the top third of the corn price," Bower said.

Bower showed a chart that proved farmers sell most of their corn at the lowest time of the year. "There's a certain truth to the fact that you need to know what production you have before you can sell it," Bower said. "But you can't wait until October to December to get rid of the crop and go on to the next year. Just by following the seasonal tendencies, you can do a much better job of marketing. Grains usually make their high price in the spring and not the fall.

Bower called the observation of seasonal trends his "refrigerator trade." "Keep track on the refrigerator door how much of your corn crop you have sold in the first seven months of the year," Bower said. "It's discouraging, but farmers market most of their grain at the lowest pricing time of the year."

To describe the markets, Bower used wrestling as an example. "The funtion of the market place is to take as much money from as many people in the shortest period of time possible," Bower said. "That's why after 17 years of trading, I'm a little scared, always looking for that wrestler to come up and grab me from behind. But if you are astute and quick, you can make it.

"The broker's job is not always to be right; there is no broker that is always right. But the broker should have integrity and act as a coach, call time out, check them down, hold them when the situation gets panicky.

"Speculating and hedging operate in a different world. I have the most trouble with clients who are making money. They suddenly know it all. If they are losing money, they are willing to listen.

"When my clients overtrade, I get on them. If you should be trading two contracts instead of 20, then don't go out of bounds. I guarantee you, from my experience, every client who has over-traded, 100 percent of the time was a loser in the long run."

Bower said that over time, the southern hemisphere will become a strong competitor of U.S. grain. Right now they have production costs significantly lower than ours. But their transportation system takes them out of the market. But in the next five to 10 years, global investment opportunities from other countries like Japan, who want a second source of grain purchases, will modernize the transportation system in countries like Brazil. Once they get transportation, they will be very competitive.

As for this year's corn markets, Bower said he believes that from one to two billion bushels of last year's corn will have spoilage problems going into this summer. The corn was harvested wet last fall and into winter. And when the warm weather hits the corn belt, that corn will need to be marketed

(Turn to Page 25)

Two Nitrogens Better Than One

STATE COLLEGE (Centre Co.) — When the Pilgrims arrived 300 years ago, Native Americans taught them to plant corn and to fertilize it by burying a fish near each hill of corn seeds. As the fish decayed during the season, it nourished the growing corn.

Scientists have conducted much research since then but admit they must still learn more about making nitrogen fertilization a more efficient practice. Concern heightened in recent years as fertilizer prices increased and, more recently, as people realized that excessive or poorly timed applications can result in the fertilizer ending up in water supplies.

Sterling R. Olsen, a USDA soil scientist, has fine-tuned fertilizer applications and increased corn yields up to 40 bushels per acre. His secret? He used two forms of nitrogen — ammonium and nitrate. Growers today typically use one form or the other.

"Applying the two forms at a rate that provides the same amount of available nitrogen as is usually applied in a single form increases the crop's fertilizer use efficiency: the plants assimilate more. Such application also reduces the danger that some nitrogen will end up in water supplies," said Olsen.

Nitrogen fertilizers are either organic (manure and plant residues), or inorganic (commercial fertilizers). The organic forms must decompose before plants can use them. Inorganic forms are applied as nitrates and ammonium salts, or a combination of the two.

Olsen found the most efficient nitrogen fertilizer combination to be the two forms of nitrogen — nitrate and ammonium — applied in equal amounts. A commercially available nitrification inhibitor, called N-Serve, helped keep the ammonium form of nitrogen from being converted to nitrate before corn roots could absorb it. Top corn yields were 221 bushels per acre.

Olsen, now retired, conducted these tests in cooperation with Colorado State University on irrigated corn growing on calcareous soils low in organic matter.

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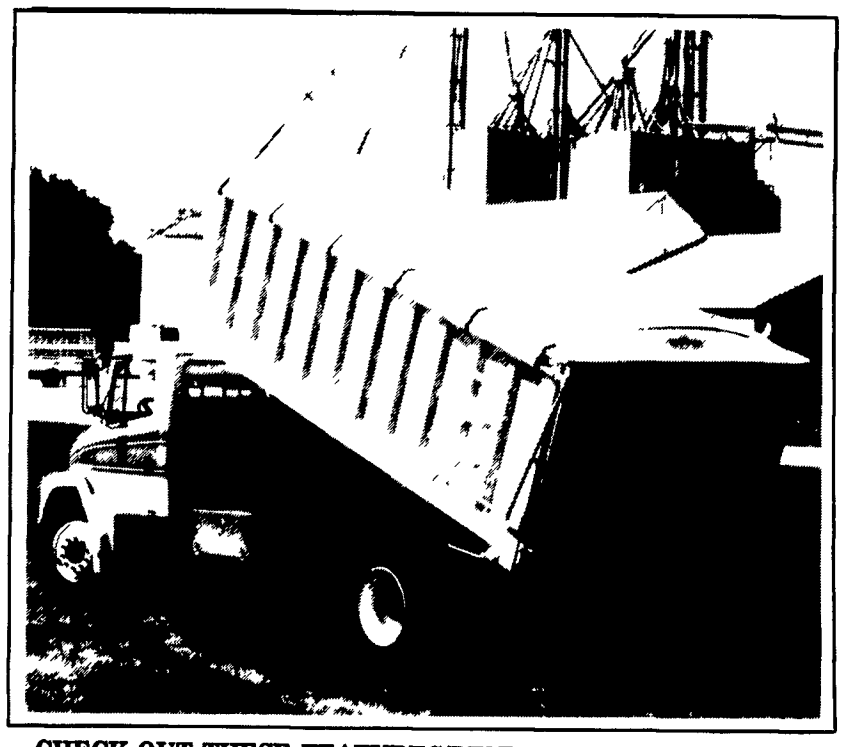

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Corn Growers Become Narrow-Minded

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DES MOINES, Iowa — Are you becoming narrow-minded about corn production? If you are, you're not alone.

There's a new wave of interest in growing corn in rows narrower than the current 30-inch standard, thanks largely to the pioneering work of a few individuals.

The real impetus has come from those that grow more inherently narrow-row crops, such as soybeans and sugarbeets, in rotation with corn. Farmers in the Red River Valley of North and South Dakota and Minnesota are adopting the practice of growing corn, sugarbeets, and soybeans on the same 22-inch row spacing. The forces of simplicity and economics have moved these growers into producing all three crops with the same narrow-row planting, harvesting, and related equipment.

Another force moving growers toward narrower rows has been the performance of modern corn hybrids at higher and higher plant populations. At a given population, wider rows pack the plants within the row tighter than at a narrower row width; for example, at 30,000 plants/acre, the distance between plants within the row on 36-inch spacing is a tight 5.8 inches, while on 20-inch rows the distance increases to a comfortable 10.4 inches. The trend for higher populations goes hand-in-hand with the trend toward narrow rows.

It wasn't that long ago that corn was grown in 36-inch rows (more commonly 38 inches in the Midwest), in large part to help accommodate horse-drawn equipment. The initial decrease in row width down to the current 30-inch standard was not to accommodate production of two different crops with the same equipment, but because there was a noticeable yield advantage.

The increase in yield with narrow rows has been attributed to an increase in leaf area index resulting from more equidistant plant spacing. Higher leaf area index means more solar radiation is intercepted by the canopy, resulting in increased photosynthetic production and higher yields. Corn in narrow rows also shades the ground quicker, an added bonus for weed control and moisture retention in drought situations. In fact, the most consistent increases in yield for narrow rows occurs for irrigated corn, where conservation of moisture is critical.

Converting to narrow rows for corn is an economic decision. Increased costs include modifying the combine head, equipping a tractor with narrow tires, retooling cultivators, and possible modifications to the planter and sprayer. On the plus side, the wide-row corn planter could be sold, and higher yields may be expected. Higher yields could eventually offset initial fixed costs, but the payback is long term. A clear indication of the yield increment expected with narrow rows is needed to make an accurate economic decision.

Pioneer Row Width Experiments — 1991-92

In 1991, Pioneer agronomists began conducting row width experiments to measure the response of corn in 20-inch vs. 30-inch rows. Three populations were used in 1991 — 18,000, 26,000, and 32,000 plants per acre. To help distinguish the highest optimum population, the rates were raised in 1992 to 24,000, 30,000, and 36,000 plants per acre. At Johnston in 1992, only two rates were used — 26,000 and 34,000 plants per acre.

Four hybrids were grown at each location, replicated four times. The results are listed in the tables below:

Corn Response To Row Width And Population — 1991, 1992

State	Location	Year	Pop	— Row Width — 20 inch	30 inch	Diff
SD	FLANDREAU	91	18,000	142 Bu/A	128 Bu/A	14 Bu/A
			26,000	156	147	9
			32,000	165	155	10
			Average	154	143	11
MN	OLIVIA	91	18,000	143	140	3
			26,000	166	163	3
			30,000	167	165	2
		1991	Average	158 Bu/A	156 Bu/A	2 Bu/A
IA	JOHNSTON	92	26,000	213 Bu/A	204 Bu/A	9 Bu/A
			34,000	221	220	1
			Average	217	212	5
SD	CANTON	92	24,000	167	154	13
			30,000	181	167	14
			36,000	182	171	11
			Average	177	164	13
MN	KIMBALL	92	24,000	108	105	3
			30,000	115	111	4
			36,000	115	109	6
			Average	112	108	4
OVERALL AVERAGE 91-92				164 Bu/A	157 Bu/A	7 Bu/A

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Growers Should Sell

(Continued from Page 24)

into the pipeline rather quickly.

"Be careful in watching this corn market," Bower said. "It may be an opportunity for the end user to contract some of your needs. You need to pay attention to the things going on in the news. I try not to hype things up too much, but as a producer and an end user, you need to pay close attention to the markets."

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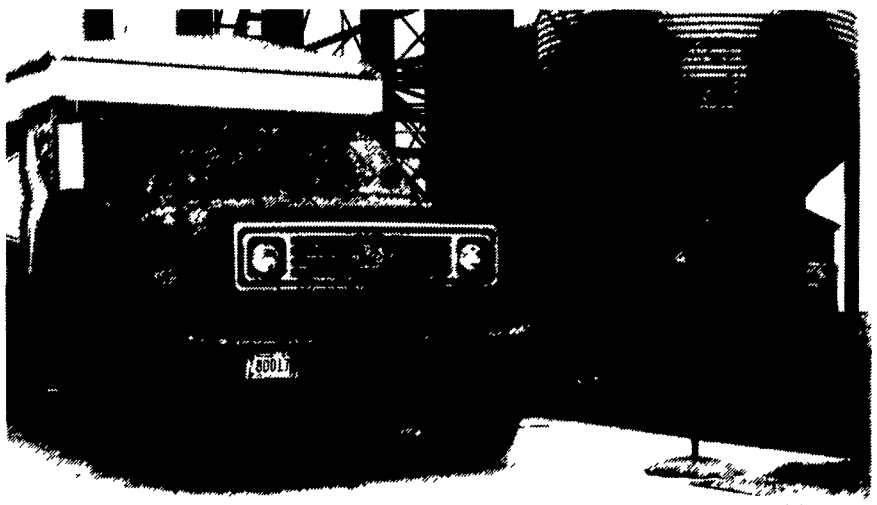

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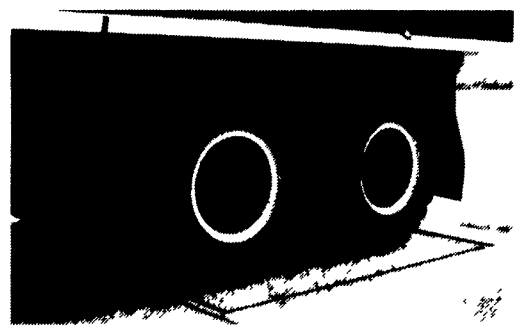

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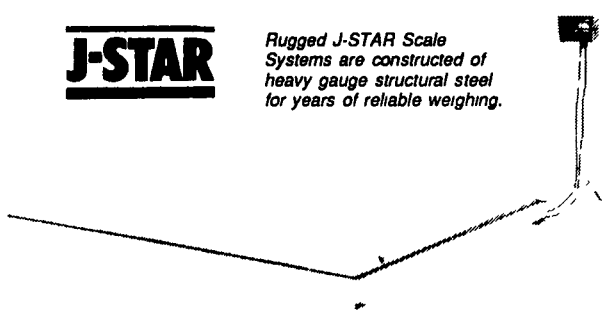

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(Continued from Page 25)

The overall average for 1991-1992 was 164 bushels for 20-inch rows, and 157 bushels for 30-inch rows. This represents a difference of seven bushels, or 4.5 percent. In all five environments, the response of population to row width was similar. At every population level tested, 20-inch rows were superior to 30-inch rows when averaged across hybrids.

The response of hybrids to population was similar in all five environments. With few exceptions, yields increased at each higher population. In four of the five environments, hybrids responded similarly to the row-width treatment, always yielding more when grown in 20-inch rows. But at Johnston in 1992, hybrids differed in their response. One hybrid yielded three bushels less in 20-inch rows, and the other

(Turn to Page 28)

Area	Years	Environments	— Row Width— 30 inch	38 inch	Diff
N.IA	1975-79	12	148 Bu/A	140 Bu/A	8 Bu/A
S.IA	1974-80	6	149	138	11
S.MN	1976-80	6	144	140	4
E.SD	1977-80	3	107	106	1
OVERALL	1974-80	27	143	136	7
GOOD CONDITIONS		18	155	148	7
STRESS CONDITIONS		9	118	113	5

York Grain Sign-Up Under Way

YORK (York Co.) — York County officials of the USDA Agricultural Stabilization and Conservation Service have announced that farmers can sign up for the 1993 Wheat and Feed Grain program through the end of the month.

According to Wayne Beshore, chairman of the York County ASC committee, and Lewisberry farmer, said, "York County farmers who enroll in this voluntary program receive a price support on grain in case market prices stay soft."

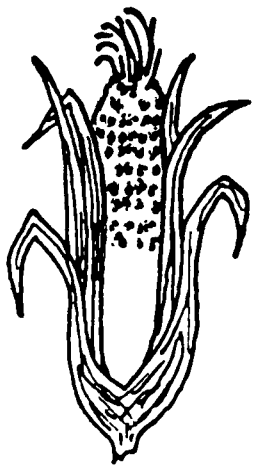
Deficiency payments are issued to participants when national average market prices fall below levels established by Congress.

For corn, the target price is $2.75 per bushel, while wheat is $4 per bushel.

Grain program participants receive the difference between the target price and the national average price for corn from September 1993 through January 1994, and on wheat from June 1993 to October 1993.

York County farmers interested in the program should contact the ASCS office at 120 Pleasant Acres Road in York, or call (717) 755-2801.

Those in other counties should inquire about the program at their local ASCS office.



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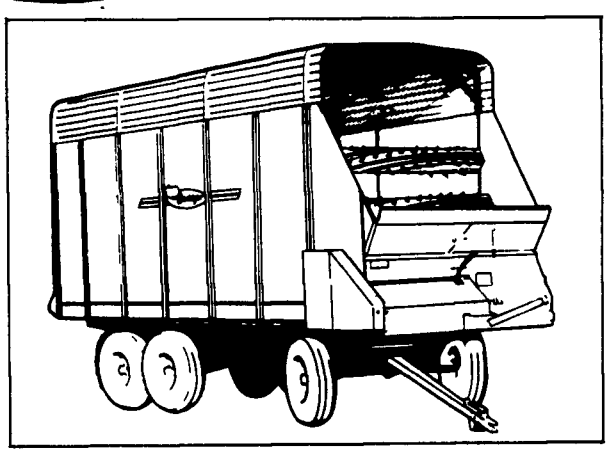

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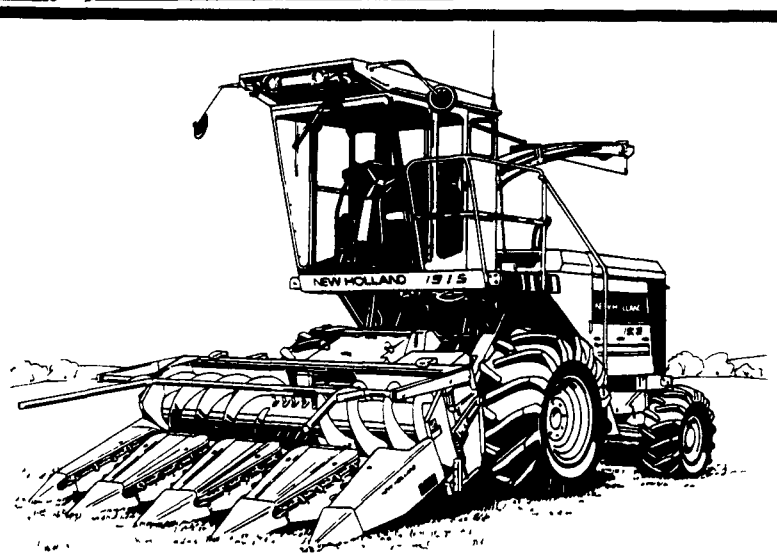

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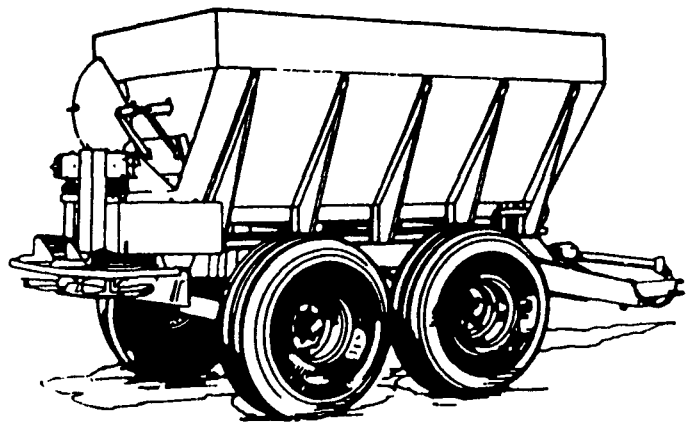

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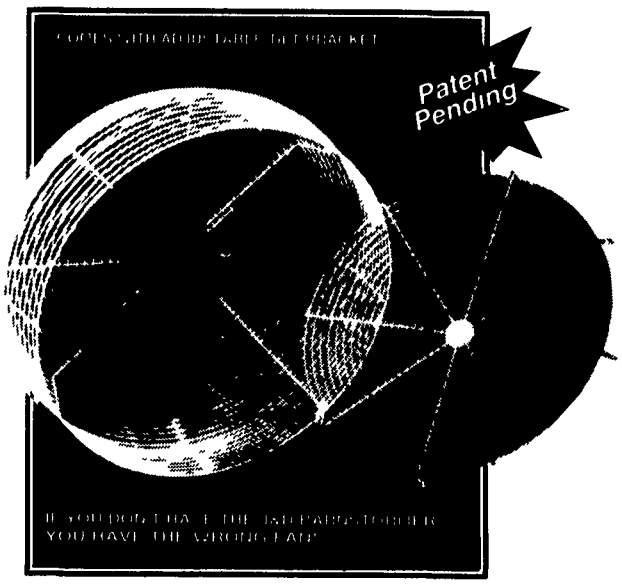

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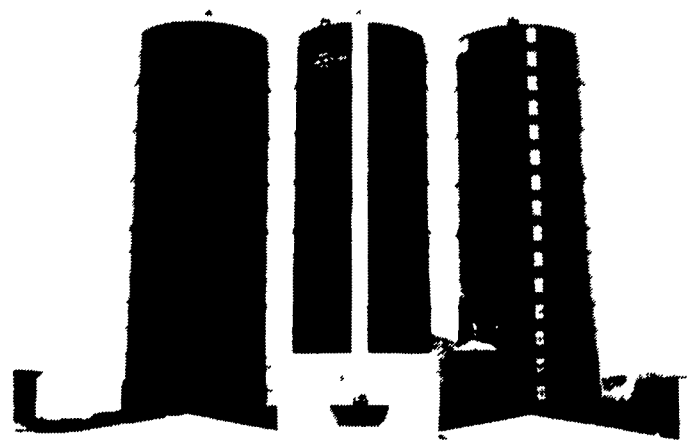

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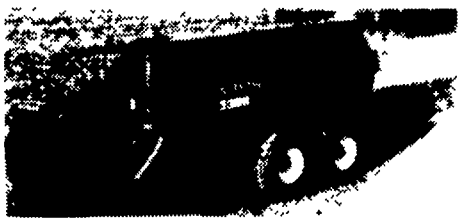

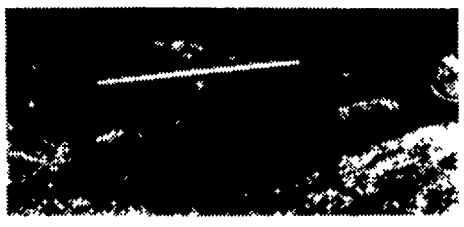

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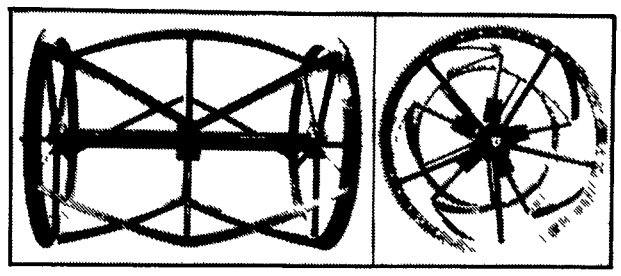

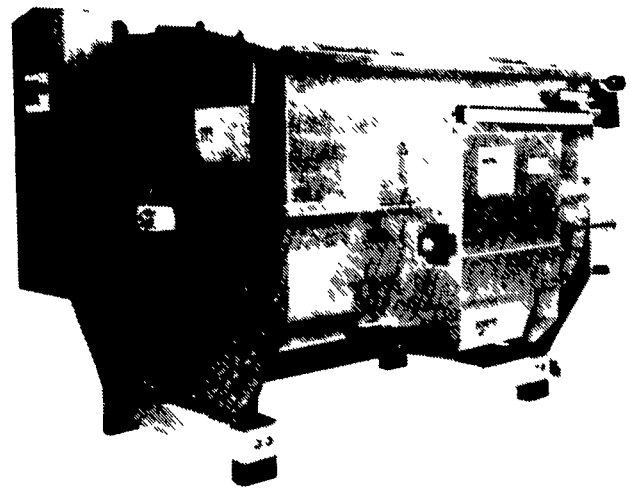

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CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

(Continued from Page 26)

three hybrids yielded one bushel more, seven bushels more and 17 bushels more, respectively.

Older Row Width Studies

Between 1974 and 1980, Pioneer agronomists conducted numerous studies comparing corn in 38-inch vs. 30-inch rows. The results of many years and locations of data add more weight to the recent findings in 20-inch vs. 30-inch rows.

Corn Yields in 20- and 30-Inch Rows
(Source: Illinois Agronomy Handbook 1991-1992)

Plants/A	30 Inch Width	20 Inch Width
20,000	165 Bu/A	174 Bu/A
25,000	172	188
30,000	174	187

On the average, corn in 30-inch rows yielded seven bushels per acre or five percent more than in 38-inch rows. This is almost identical to the difference between 20-inch and 30-inch rows in the 1991-1992 studies. Of 27 different environments, only one showed an advantage for 38-inch rows. Even the stress locations showed a 4.5 percent advantage for narrow rows in Pioneer testing.

Results Of Illinois Studies

Studies were conducted by the University of Illinois at three populations — 20,000, 25,000, and 30,000 plants per acre.

According to the Illinois Agronomy Handbook, most studies have shown yield increases of five to eight percent when rows are narrowed from 30 to 30 inches.

Silage Yields

Although data for corn silage in narrow rows is hard to come by, we did have a cooperator who planted three Pioneer varieties at 30-inch and 15-inch row spacings this past growing season. The 15-inch spacing was accomplished by doubling back with a 30-inch planter. Populations were targeted at 40,000 for the 15-inch spacing and 32,000 for the 30-inch spacing. Plant development was visually identical across row spacings for the same hybrid, and forage analyses showed no significant differences.

As can be seen from the data, there was an average increase of 3.2 tons of silage for the 15-inch/40,000 population treatment versus the 30-inch/32,000 treatment. Although the plot was not set up for rigorous statistical analysis, the results are nonetheless very encouraging.

In summary, a number of studies support the yield advantage of growing corn at high populations in narrow rows, and we can expect this practice to continue in the coming years.

We still need to evaluate such factors as standability, disease and pest interactions, maturation and drydown rates, fertilization, and other relevant topics.

VARIETY	WIDTH	HARVEST POPULATION	MOISTURE	TONS AT 65%
3733	15"	40,000	65.4%	21.21
3733	30"	31,000	66%	19.74
			Advantage	1.47 Ton/Acre
3751	15"	40,000	55.2%	23.90
3751	30"	29,000	58.1%	18.29
			Advantage	5.61 Ton/Acre
3527	15"	39,000	70.2	21.16
3527	30"	27,000	70.6	18.58
			Advantage	2.58 Ton/Acre

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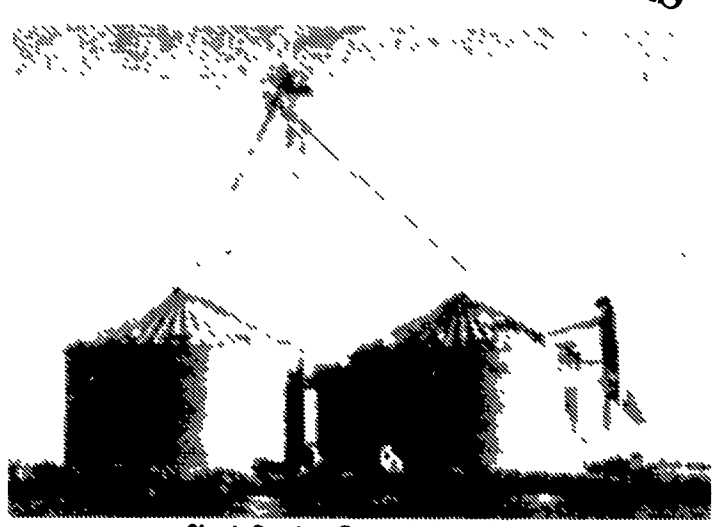

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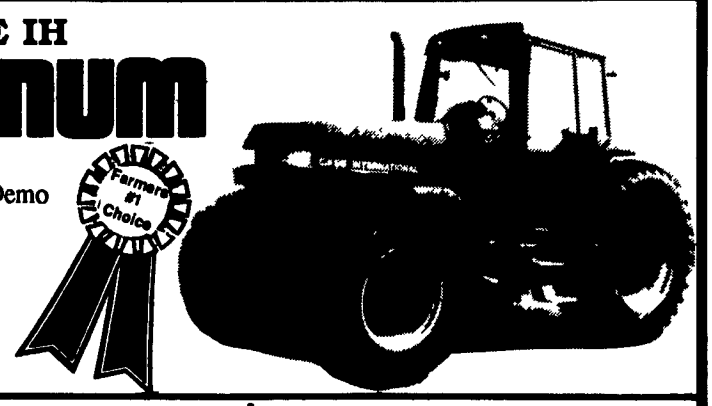

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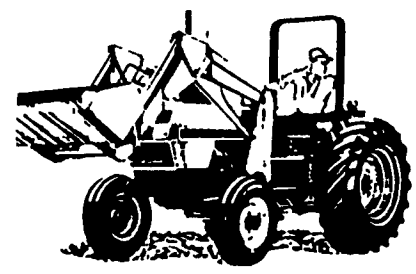

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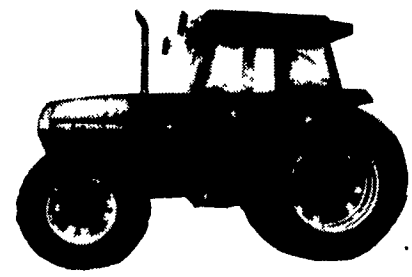

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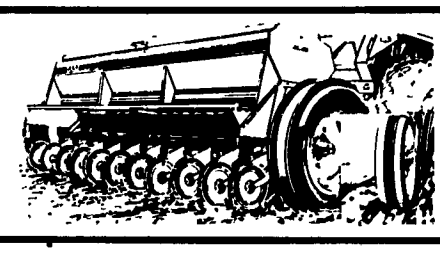

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Baby Corn A Viable Production Possibility

Speciality vegetables are a niche in the produce industry not often exploited by the average grower. The production of such crops is often input intensive and the markets are often selective and small. The perfect crop would be one that is easy to produce, requires less input than comparable crops, and is easy to market with local users. Baby corn fits most of the above criteria and is considered by some a specialty vegetable. It is not being currently produced in large quantity in the U.S.; most of the baby corn is imported from Taiwan and Thailand. It is accepted in the restaurant trade as a fresh item and on salad bars as a pickled vegetable and is used quite extensively in oriental cooking. It requires less chemical input than standard sweet corn and matures under a wide range conditions of growing. In fact, any good sweet corn producer is capable of baby corn production. Unlike sweet corn, however, only physical harvesting is currently being employed. For the sweet corn producers relying on hand labor for harvest, this is not a problem.

Soil conditions: Optimum conditions for sweet corn result in optimum condition for baby corn. Planting dates should be based on cultivars to be planted (su vs. se, sh2). Results indicate that for central Pennsylvania, the last planting should be before June 20. Lack of soil moisture and high soil temperatures after June 20 usually result in poor stands.

Fertility: The short growing season for baby corn (from 50-60 days) allows for a reduction in total nitrogen application. Typical sweet corn recommendations for nitrogen are 110-125 pounds per acre; for baby corn production 80-100 pounds per acre is sufficient because ear fill at maturity is not necessary. It is necessary though to supply enough nitrogen to allow the plant to remain upright through multiple hand harvests. Popcorn varieties do require the upper range of nitrogen (90-100) because of the longer days to maturity (typically 70-90 days). Applying less than 80 pounds per acre of nitrogen is not recommended for baby corn production.

Variety selection: Corn varieties that produce multiple ears should be selected for local growing conditions. Most popcorn varieties as well as some sweet corn varieties will produce multiple ears. Ear characteristics should also be considered if the crop is to be sold for fresh use. A slender, tapered ear with a bright yellow color is important to most users. In addition, stalk strength is critical for multiple harvest. Popcorn varieties typically have sturdier stalks.

Plant population: Varieties react to spacing by either producing more or fewer ears per plant. It has been demonstrated that with certain varieties more plants can be planted per acre and not affect the yield. A 4-to 6-inch spacing between plants seems to be acceptable for most varieties. Standard spacing between rows (30-36 inch) is recommended for baby corn production.

Cultural practices: Standard sweet corn herbicide applications are acceptable for baby corn production. Insecticide applications, however, can be substantially reduced. The initial treatments for seed corn maggot and flea beetles should be maintained, but for the most part, applications for control of Japanese beetles and corn earworm are not necessary. The crop is harvested before or at silking, eliminating the conditions that attract these pests.

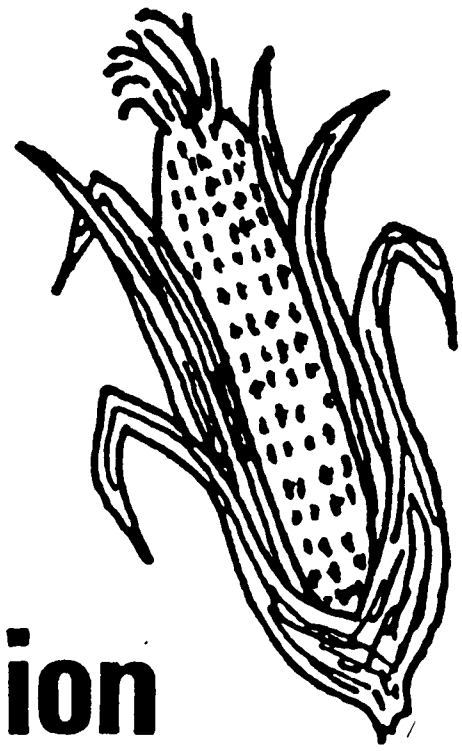
Harvest: Harvesting is the most labor intensive part of producing baby corn. All harvesting is done by hand because of the lack of a viable mechanical harvester. Because there is no degradation of sugars associated with baby corn, harvest can take place any time during the day. But to maintain product quality, cooling should be considered. If this is not possible, the crop should at least be placed in the shade after harvest in the field and in storage prior to delivery.

Plant stalks should be held firmly and the ear removed with a minimum of damage to promote the formation of a second or third ear. Plants producing weak stems should not be selected for baby corn production.

Timing of harvest is based on the physical characteristics of the ear. With long-tapered popcorn varieties, ears with a projected finished length of over 8 inches, harvest should begin with about 1/4-1/2 inch silk showing above the leaves. If a 4- to 6-inch ear is desired, harvest must occur before silk appearance.

Where trade names are used, no discrimination is intended and no endorsement by the Cooperative Extension Service is implied.

Pa. Master Corn Growers Association



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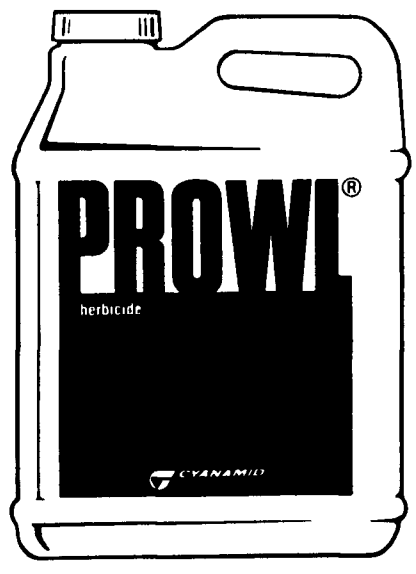

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Corn Rootworm May Spell Economic Loss

Elson Shields
Department of Entomology
New York State College Of Agriculture And Life Sciences, Cornell

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

During the past 10 years, western corn rootworm (WCR) has established itself as the major insect pest of corn grown for silage and grain in New York.

Since the first detection of WCR in western N.Y. in 1979, populations of this insect have continued to increase and have moved east to the eastern seaboard. Results from field scouting during 1992 have indicated that 60-70 percent of the continuous corn fields in western and central New York are at high risk for economic loss from WCR feeding damage during the 1993 growing season.

If these continuous corn fields are planted to corn in 1993, growers should consider the use of a soil insecticide.

Corn Rootworm Biology and Management: Two species of corn rootworm (CRW) can cause economic loss in our commercial corn fields. Northern corn rootworm adult beetles are bright lime green and have been inhabitants of our corn fields for many years. The western corn rootworm, which is yellowish with dark stripes, has invaded New York only in the past few years and currently is most numerous in western and central New York.

Adult CRW beetles are found in corn fields from pollination until the first killing frost (late July — September). During this time, the adult females are laying eggs in the soil cracks and around the bases of corn plants which will overwinter and hatch in late May the following year. Newly hatched larvae locate the young corn plants and begin feeding on the developing roots. Larval development and root feeding damage is completed by mid July; larvae pupate and emerge as adult beetles during late July and early August to begin laying eggs to complete their life cycle.

CRW larvae damage corn by feeding on the root system and if present in sufficient numbers, will reduce corn yields by inhibiting the ability of the corn plant to uptake water and nutrients.

Recent field studies (1991-1992 growing seasons) using field plots artificially infested with WCR eggs by Paula Davis from the Entomology Department at Cornell University has shown that corn grown for silage is much more sensitive to WCR larval feeding damage than corn grown for grain. In general, root damage ratings of 3.0-3.5 have been considered the range of damage ratings where economic yield losses begin to occur.

Results from the 1991-92 field studies indicated that silage losses both years were economically significant with a root rating of approximately 3.0 (100 eggs/row foot) and the value of the crop loss approximately equaled the cost of the soil insecticide used to control WCR larvae in corn. By contrast, corn grown for grain could tolerate a root rating of at least 4.0 (300 eggs/row foot) before the yield loss from WCR larval feeding approximately equaled the cost of the soil insecticide needed to control WCR larvae.

Yield losses from WCR larval feeding demonstrated in this study were physiological yield loss (the corn plant did not produce the yield) rather than harvest loss from lodging. Lodging of corn plants usually occurs only after the root rating damage is 4.0 or greater.

Fields at Risk: Fields planted to continuous corn are at greater risk of economic CRW infestations than first-year corn because CRW eggs are laid the previous fall in existing corn fields. Fields in continuous corn production are more likely to develop economic CRW infestations the longer corn is continuously planted to the field. Continuous corn planted after late-planted corn the previous year is at high risk because the late-pollinating corn is attractive to the adult CRW, resulting in heavier than normal egg laying in the field.

Management: Potentially damaging CRW populations are managed by rotating the field to a non-host crop or by using soil insecticides incorporated in the seed bed at planting or cultivation. The need to rotate the field or use a soil insecticide next year to manage CRW can be determined by counting the number of adult CRW beetles per 55 corn plants (5 plants in 11 different field locations within a field) in each corn field during and shortly after pollination (see Cornell Extension Fact Sheet 501.00). If these beetle counts exceed 1 beetle per plant as a field average, the field is at high risk for CRW damage, providing the field is planted to corn in 1993. If the field cannot be rotated and must be planted to corn in 1993, then a registered soil insecticide is recommended at planting or during cultivation next spring.

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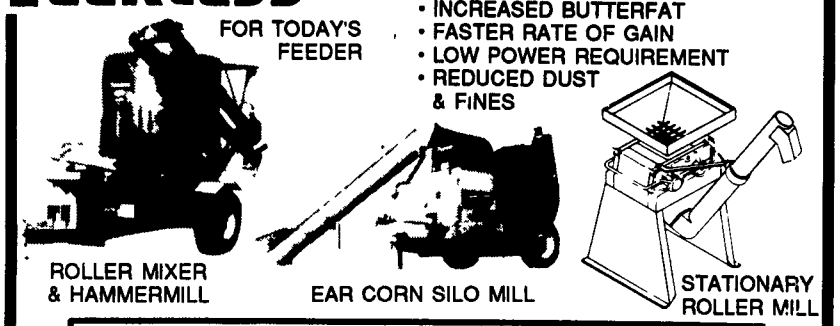
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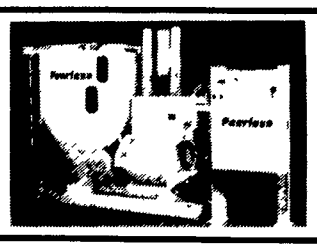
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Corn Farmers Protect Land, Profits With Fewer Pesticides

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

UNIVERSITY PARK (Centre Co.) — During the last decade, Pennsylvania farmers have saved more than $17.5 million in insecticide by adopting a combination of natural and chemical methods to control the state corn crop's most threatening pest, according to a researcher in Penn State's College of Agricultural Sciences.

"Pennsylvania farmers spent almost $10 million treating 870,000 acres with soil insecticide to stop the corn rootworm in 1980," said Dr. Dennis Calvin, associate professor of entomology. "But 90 percent of our corn fields that year lost money on chemical rootworm-control methods."

To limit their expensive reliance on pesticides, field crop farmers worked with extension entomologists and county agents to reduce soil insecticide use through a method called integrated pest management, or IPM.

"IPM was started in the 1920s when the boll weevil was becoming resistant to pesticides," he said. "Chemical warfare research in the 1940s led to new insecticides like DDT. When DDT was found to be harmful to human health and the environment, federal and state governments resumed IPM research.

"To determine the best control methods, researchers study the pest's life cycle and rotations of other crops that discourage the target insect's growth on a particular piece of land," he said.

"For instance, IPM studies found the corn rootworm did not reach economically dangerous levels until the third year of continuous corn in most cases, and that it could not flourish in alfalfa or soybean crops," he said. "Since 1980, farmers have worked with extension entomologists and county agents to develop a seven-to-ten year crop rotation plan to save money and protect land from pesticides and soil erosion, and to control the rootworm and other pests.

"Today farmers typically grow corn on a particular field for two to three years and then scout for rootworm adults to see if a soil insecticide is needed," he said. "In many cases the rootworm population never reaches economically dangerous levels. So the farmer saves the cost and trouble of applying chemicals.

"Threatening insects also may be controlled by encouraging the growth of other insects that are natural enemies.

"Depending on the extent of a pest problem, IPM may recommend a single application of a specific amount and type of insecticide. Farmers then plant either alfalfa, soybeans or small grains for four-to-seven years on that piece of land and grow their corn on an unthreatened plot.

"We estimate this practice saved farmers $17.5 million on almost 1.6 million pounds of soil insecticide through 10 years," Calvin said. "For instance, in 1990 just 580,000 acres were treated at a cost of $6.9 million, with 35 percent of the fields operating above the economic threshold."

Calvin attended an IPM adoption meeting convened by the U.S. Department of Agriculture in Washington, D.C., to demonstrate strides Pennsylvania farmers have taken in pest management in the last decade.

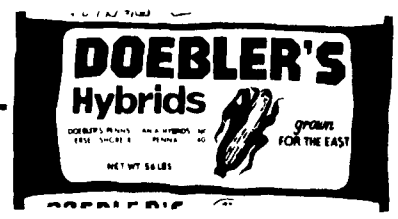
He said that pesticide application estimates from the Environmental Protection Agency may be inflated because the figures reflect yearly chemical use and do not account for farmers who use the rotation strategy to apply soil insecticide once every seven to 10 years. He adds that many farmers prefer to either buy grain or harvest before pest infestation, rather than handle and pay for chemical pesticides.

"The primary business for most of these farmers is their dairy operation," he said. "Their main objective is to get enough silage to feed their cattle through the winter. If at all possible, they would rather not have to take time away from the dairy to apply chemicals, and they prefer not to use chemicals around their livestock."

The yield stopped here in 1992!

Doebler's 73XP = 214.1 Bu./A

1992 Master Corn Growers Association
WINNER: Larry Moyer, Brookview Farm, Lehigh County
Highest Corn Grain Yield Overall Categories



Silage yield!

Doebler's delivers top tonnage

1992 Penn State Late Medium Season Silage Test
Doebler's is #1 and #2
1st 75XMOD2 = 27.3 T/A, 2nd 82XP = 26.2 T/A

BRAND-HYBRID	YIELD (T/A)	%H_2O PLANT	DRY MAT PLANT (T/A)
DOEBLER'S 75XMOD2	**27.3**	**67.9**	**9.5**
DOEBLER'S 82XP	**26.2**	**70.9**	**9.2**
ASGROW RX897	26.1	70.7	9.1
NC+ 7507	26.0	69.9	9.1
EASTLAND E799	25.8	69.2	9.0
NORTHRUP KING X748	25.6	70.4	9.0
AGWAY AG EXP 711	25.2	70.8	8.8
PIONEER 3394	25.0	65.9	8.8
AGWAY AG 797	24.4	71.4	8.5
PIONEER 3241	23.8	68.1	8.3
PIONEER 3140	23.7	71.1	8.3
AGWAY AG 788	23.3	69.6	8.2
PIONEER 3293	23.2	67.7	8.1
DEKALB DK646	21.9	69.7	7.6
AGWAY AG 824	21.3	73.6	7.5
HALSEY H2116	20.3	70.1	7.1
AGWAY AG 710	20.2	71.1	7.1
DEKALB DK677	20.2	71.6	7.1
HALSEY H1120	19.0	69.8	6.6
HARDY HB6407	18.8	70.0	6.6

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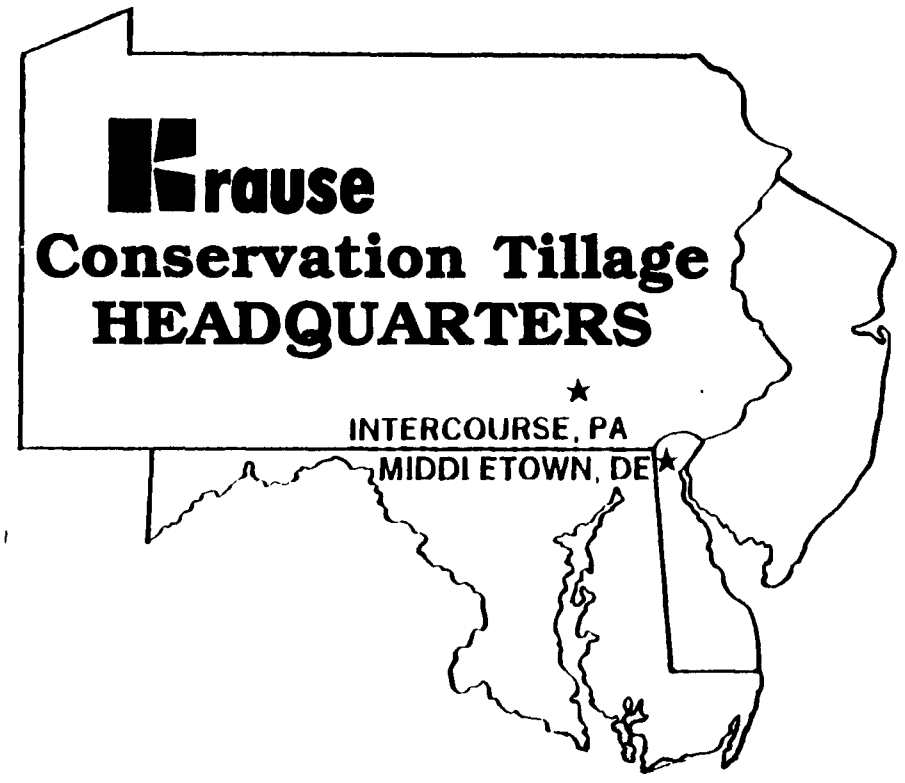


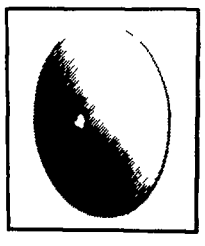
#1 CONSERVATION DISC In The EAST

Here's Three Reasons WHY They WORK On Eastern Farms — The Toughest Tillage Conditions In The U.S.

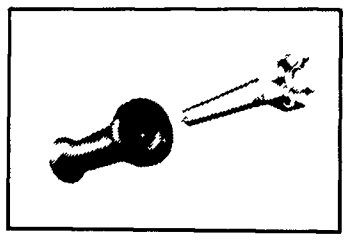
HEAVY-DUTY GANGS

Krause Invented The ROCK-FLEX BEARING SYSTEM.

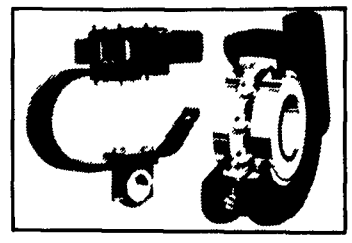
THE ❤ OF THE GANG...



IMPACT RESISTANT DISC BLADES With 2.5" Concavity For CONSERVATION Residue Management



COLD-ROLLED Alloy Tie Rods With Nuts On Both Ends. DUCTILE IRON SPOOLS w/Machined Ends For Tight Fit

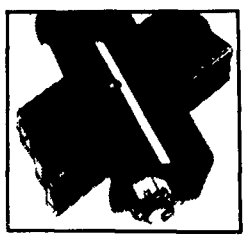


Regreasable BEARINGS Encased In RUBBER Inside A CAST-IRON Housing To Reduce Shock To The Bearings

(2 YEAR BEARING WARRANTY)

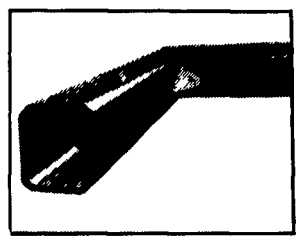
HEAVY-DUTY FRAME

Krause Invented The FLEX-WING System That LEVELS YOUR FIELDS...

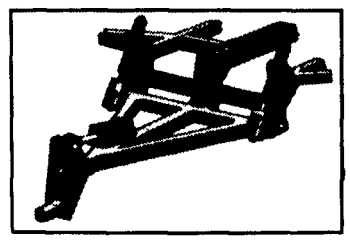


Big 1½ "x15" wing hinge bolts in replaceable, hardened wear bushings. Grease zerk provided for lubrication.

(4990 Series)



Super-strength frame with gang beams bolted to the underside of the frame for extra durability compared to integrated construction techniques where gangs are welded onto the frames.

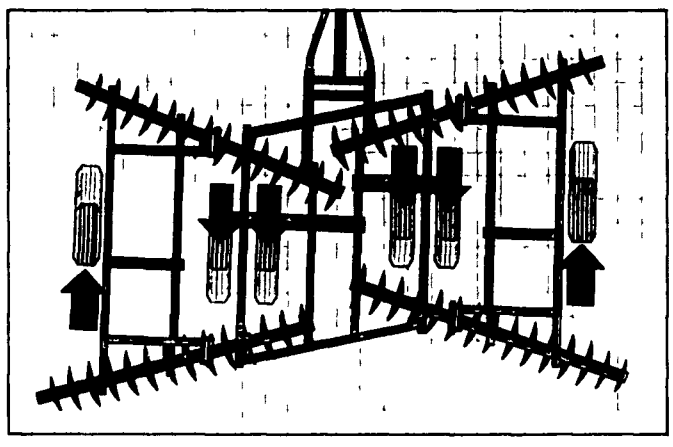


Massive hitch is built for rugged field use, with a large 4"x4" steel center tube, and 2"x4" steel tube braces.

(4900 Series)

UNIQUE WHEEL ARRANGEMENTS

(4900 Series)



This special wheel arrangement saves fuel by helping to prevent gouging.

In field position, the center wheels move backward as the wing wheels move forward — providing more uniform depth-gauging of front wing gangs. Heavy-duty, regreasable wheel hubs and big 10:00x15" 8-ply tires are standard equipment.

PERFORMANCE IN THE FIELD — Cutting, Finishing, Or Residue Management: KRAUSE DISCS CUT IT!

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